ANNUAL REPORT

1955 - 1956

RECREATION AND PARK DEPARTMENT

MAX G. FUNKE
General Manager

CITY AND COUNTY OF SAN FRANCISCO
GEORGE CHRISTOPHER, MAYOR

RECREATION AND PARK DEPARTMENT
McLAREN LODGE, GOLDEN GATE PARK
SAN FRANCISCO 17, CALIFORNIA

SKYLINE 1-4866

MAX G. FUNKE
GENERAL MANAGER

September 14, 1956

The Honorable
George Christopher, Mayor
City and County of San Francisco
City Hall
San Francisco 2, California

Dear Mr. Mayor:

Submitted herewith is the annual report of the Recreation and Park Department, in accordance with your letter of August 15, 1956.

Information specifically requested is contained in individual division reports assembled herewith. Data and information on many problems facing this department are individually delineated in the divisional reports. Some of the outstanding accomplishments of last year and some of the problems facing this department as of this date follow.

Three primary endeavors have been given major attention by my staff during the past year:

1. Completion of the 1947 bond issue projects within the funds remaining and inauguration of the projects included in Proposition "C" authorized by the voters last year.

2. Endeavoring to bring the capital improvements of the department up to the best standard possible within the funds budgeted.

3. Intensifying the activities of the recreation division to increase the availability of our facilities to as many San Franciscans as possible.

1947 BOND ISSUE PROJECTS:

The department now has under construction all but two projects of the 1947 bond issue program. Contractors are completing the following:

Swimming pool at Rossi Playground
Swimming pool at Garfield Playground
Swimming pool at North Beach Playground
Upper Noe Recreation Center and Playground
Central Activities Building

During the past year the following projects were completed:

Eureka Valley Recreation Center and Playground
Margaret Hayward Softball Diamonds
Hamilton Playground Center and Swimming Pool
Balboa Park Baseball Diamonds and Bleachers

Architectural plans have been completed and await only checking by State authorities before letting bids on the following:

Swimming pool at Balboa Park

Bids have been advertised and are to be opened immediately for the following:

Pinelake Field House

Projects remaining to be completed are:

Hayes Valley Field House, awaiting completion of land acquisition anticipated momentarily.

Children's Day Camp, awaiting completion of construction of major sewer line through property. Work contemplated to commence immediately thereafter.

Barring unforeseen complications, all of the 1947 bond issue projects will have been completed or will be under construction by January 1, 1957.

1955 BOND ISSUE PROJECTS:

Eighteen projects contemplated under the 1955 bond issue are under way with architects completing plans or construction actually started. These include:

Nine-hole golf course at McLaren Park
Swimming pool at McLaren Park
Swimming pool at Larsen Park
Corporation yard at Golden Gate Park
Soccer stadium bleachers at Balboa Park
Aquatic Park pier rehabilitation
Aquatic Park land development for Maritime Museum
Bleachers at Funston Playground
Rehabilitation of Jackson Playground
Rehabilitation of Portola Playground
Completion of Russian Hill Park
Completion of Washington Square
Bleachers at Silver Terrace Playground
Field House at Bernal Playground
First unit of Golden Gate Park irrigation system.
Lincoln Park irrigation system
Harding Park irrigation system
* Rehabilitation of Michelangelo Field House

(*Work contemplated held up pending a decision of the Board of Education as to whether it will now require use of this land because of their contemplated bond issue.)

In addition to the above, appropriation of funds has been requested for a Lake Merced Sports Center costing $350,000.

Emphasis has been placed on the need for inaugurating these projects without delay in order to defeat what appears to be an inevitable major increase in building costs during the next few years. Of the $7,000,000 1955 bond issue, all but approximately $3,000,000 should be under construction by the beginning of the fiscal year 1957-1958. Of that balance, some $2,250,000 was specifically earmarked for completion of McLaren Park, construction of which will depend upon the speed by which the remaining land in McLaren Park is acquired by the Real Estate Department.

Construction on the above-noted irrigation projects got under way quickly because plans had been developed by this department's staff to the point where bids could be called immediately.

The need for moving these projects rapidly has required re-evaluation of the engineering personnel positions contemplated for the department. The established policy is that the cost of necessary personnel will be pro-rated for each bond issue project, and personnel hired accordingly with the understanding that upon completion of the bond program the positions would be deleted. In this connection there is attached hereto, in the report of the engineering division, a breakdown on personnel requirements.

With the exception of the irrigation projects, this department is following the policy as set forth by the Mayor of contracting architectural services rather than attempting to perform these functions within the staff organization. Certain exceptions include the McLaren Park golf course which is being designed by the Supervisor of Golf Course Maintenance, a highly qualified man.

STORYLAND PROJECT:

Sponsors of the proposed Storyland project have advised they have reached $100,000 in public contributions which were matched by an $100,000 appropriation, such funds now being available for construction. This department has recommended employment of an architect for the over-all Storyland project who in turn will contract with consultants and other architectural services. It is contemplated that a master plan will be developed by the architect and detailed construction drawings completed on the portion thereof that can be finished with the construction funds now available.

EXPANSION OF YACHT HARBOR:

During the year a master plan of Yacht Harbor sites was completed by the Planning Commission in cooperation with this department and submitted to Sacramento for consideration by the State Lands Commission which administers matching funds for such developments. No rehabilitation of the existing Yacht Harbor facilities is considered advisable other than the $30,000 dredging job which has been completed and which should make the harbor operable with fair efficiency for a period of three to four years. It is contemplated that a definite program to complete expanded Yacht Harbor facilities will be developed before that time.

SHOW BOAT:

During the past year the department has sought to effect the removal of the derelict "Fort Sutter" from the Aquatic Park shore by means of court action. At the request of the Mayor, a ninety-day extension was given to the sponsors of the Showboat proposal in which to conform to certain requirements, but as of this writing there is no indication that the sponsors will be successful. The Commission has voted to pursue the court action vigorously in the event the sponsors fail to perform within the ninety-day period.

REVISION OF RATES AND CONCESSIONS:

A complete study has been made of the concessions and rate structures of this department. Notable was the increase in rates at Yacht Harbor which now returns a 50% increase over rates of a year ago.

Food facilities at Lincoln Park Golf Course and at Sharp Park Golf Course are now operating successfully under concession arrangements, and departmental operation of same has ceased, thus eliminating deficits which formerly existed.

The pony ride concession at Fleishhacker Playfield has been revised to reduce the deficit which existed a year ago. Pony ride operation at Children's Playground in Golden Gate Park was discontinued because of lack of interest.

SCHOOL PROPERTY EXCHANGE:

This department in years past has transferred certain properties to Board of Education use without compensation. Likewise, this department operates facilities on properties owned by the Board of Education. In cooperation with the Board this department is seeking a complete review of this situation with a view towards clarifying financial responsibilities for payment into land reserves and adjustments in title to eliminate confusion. The Board of Education has offered full cooperation.

The question has also been explored preliminarily on the responsibility of this department for furnishing swimming facilities to the Board of Education for instruction without charge. It has become apparent that the operation of the new swimming pools is to be unusually expensive, and although the cost of operation is borne by the taxpayers in the long-run, this department is of the opinion that it should explore the possibility of the Board of Education taking the obligation for some of the cost of pool operation.

Conferences on this matter have been held and will continue to be held, and a definite recommendation can be anticipated at a future date.

ORGANIZATIONAL REVISIONS:

The General Manager has developed a plan to revise certain administrative procedures to eliminate duplication of authority and responsibility. On some of our major centers there are as many as five chains of authority controlling personnel assigned thereto. We are exploring the possibility of having one person in authority in each major center with jurisdiction over secondary centers in the vicinity of each, similar to that employed by the School Department in its system of principals.

VANDALISM:

This department undertook an intensive campaign against vandalism when the problem became acute several months ago. Parental responsibility laws have been invoked where culprits have been apprehended. Through the full cooperation of the Police Department, a new system of patrolling our properties has been inaugurated, and personnel on duty at recreation centers in "trouble spots" have been reorganized to increase their authoritative powers.

The prohibition of stopping of vehicles in Golden Gate Park from 10 p.m. to 5 a.m. is provided in an ordinance now pending before the Board of Supervisors. This measure was requested to eliminate theft and destruction of properties within Golden Gate Park and to enable the Police Department to have greater control within the park area.

REVISION OF INVENTORY-PURCHASE PROCEDURES:

This department has been beset with the problem of acquiring repair and maintenance materials and supplies which has resulted in frequent delay in bringing facilities back into operation after damage or destruction by vandals. A new study is being completed of our requisition procedure which will enable the department to better contemplate its allocation of materials and supplies and repair funds. A back-log of requisitions has developed over the years and an "Emergency" supplemental appropriation in order to meet the deficiency may be required.

A complete inventory is being developed by category, i.e., benches, trash cans, toilet fixtures, etc., with a view to concentrating on quickly providing these essential park-recreation facilities. Complete renovation of all park benches has been given top priority, with this program well under way. A new type of trash can is being studied to eliminate the unsightly condition of our present trash cans due to burning and other destructive practices. Redistribution of trash cans throughout the entire system is contemplated, and revision of trash pick-up schedules has been ordered to eliminate overflowing and unsightliness.

Where a surplus of benches is found neither required nor advisable the benches are being reassigned to other areas.

A general clean-up of all park areas to eliminate antiquated and damaged signs, plumbing fixtures, etc., has been ordered and is under way.

GOLDEN GATE PARK ROAD REPAIRS:

The Department of Public Works completed resurfacing of Main Drive and portions of other drives in the park through gas tax funds. Another unit of resurfacing has been set up by the Department of Public Works for completion at an early date.

Certain portions of the roadway system in the park cannot be completed with gas tax funds according to an opinion of the Director of Public Works. These portions are badly in need of resurfacing and funds will have to be made available either through budget appropriations of this department or through a readjustment to meet the requirements of gas tax fund construction.

HALL OF FLOWERS:

Preliminary plans were completed and submitted by the architect for the proposed Hall of Flowers to be constructed in the Arboretum in Golden Gate Park near Ninth Avenue and Lincoln Way at a cost of approximately $475,000. An earlier plan for a Hall of Flowers costing approximately $1,500,000 was abandoned as too expensive. The revised plan has been approved by the garden clubs and Flower Show representatives to the complete satisfaction of all concerned.

GARDEN OF FRAGRANCE:

A Garden of Fragrance for blind persons has been approved by the Commission, and the $6,000 cost thereof ruled by the City Attorney as a legitimate expenditure from the Strybing Arboretum Bequest.

Construction of this project will begin within a matter of weeks, and when completed, will be a unique and outstanding service for the enjoyment of handicapped blind.

SUMMARY:

It has been gratifying to note that the Commission, the Mayor, and the Board of Supervisors have recognized the need for expanding the maintenance and repair activities of this department which have grown more complicated yearly because of the completion of many new park and playground facilities.

Nearly $12,000,000 worth of new facilities have been added to the department since consolidation, the maintenance of which has drawn quite heavily on the personnel of the maintenance division. An exact picture of these additional requirements will result from the inventory currently being assembled for presentation with our next budget.

In many cases the items included in the 1955 bond issue would not have been required had provision been made for budgetary funds to maintain these properties on a year to year basis. Where a small expenditure on maintenance each year would have kept a property in shape, failure to provide those funds resulted in practically complete deterioration of the properties, and instead of maintenance we had capital improvements to accomplish.

This department will continue to seek to present a realistic picture of our maintenance and repair problem in order that yearly maintenance costs may be justified and the work accomplished

Although it has been nearly six years since consolidation of the former recreation and park departments, many overlapping responsibilities have existed until now. During the two years of my tenure as General Manager many revisions in authority and responsibility of an administrative nature have been accomplished, and the department today, better than ever before, is working as a team on our mutual problems.

In this connection, the Recreation and Park Commissioners, individually and as a Commission, have fully contemplated the problems facing the department and have worked diligently to iron them out. On many notable occasions individual Commissioners have accomplished solutions on their own volition and, operating as committees, have frequently ironed out difficulties with other departments.

The General Manager and his staff are confident that the smooth functioning of this department will continue without disruption and that ever increasing cooperation between division heads and with each other and with other city departments will result in greater economies and greater efficiency.

Respectfully submitted,

Max G. Funke

Max G. Funke
General Manager

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DIVISION OF RECREATION

PLAYGROUNDS

Name of Unit	Total Attendance	Name of Unit	Total Attendance
ALTA PLAZA SQUARE	37,273	LEE, JOSEPH	93,799
APTOS	65,762	LEVI STRAUSS	15,202
ARGONNE	62,550	McCOPPIN SQUARE	23,164
BALBOA	56,837	MERCED HEIGHTS	40,511
BAY VIEW	16,096	MICHELANGELO	22,192
BERNAL	22,559	MIRALOMA	43,983
BIG REC	116,028	MISSION	99,384
CABRILLO	55,143	MOUNTAIN LAKE	39,851
CAYUGA	44,282	MURPHY, J. P.	35,157
CHALMERS, ALICE	57,455	NOE COURTS	30,524
CHINESE	122,064	NORTH BEACH	156,420
CHINESE CENTER (NEW)	140,363	OCEAN VIEW	103,391
CLEMENT COURTS	1,855	PARKSIDE SQUARE	24,089
COW HOLLOW	23,489	PEIXOTTO, SIDNEY	30,086
CROCKER AMAZON	25,956	PORTOLA	175,781
DOLORES PARK	55,276	POTRERO	111,008
DOUGLASS	42,584	PRESIDIO HEIGHTS	35,340
DUBOCE	35,648	RICHMOND	47,737
EUREKA VALLEY	11,458	ROCHAMBEAU	58,607
EXCELSIOR	66,077	ROLPH	149,348
FOLSOM	59,751	ROSSI	54,660
FULTON	48,209	ST. MARY'S	101,926
FUNSTON	198,430	SILVER TERRACE	68,951
GILMAN	31,560	SOUTH SUNSET	63,041
GLEN PARK	93,143	STERN GROVE	92,737
G. G. PARK TENNIS COURTS	85,376	STERN GROVE ANNEX	8,472
GRATTAN	46,268	SUNSET	133,371
HAMILTON	159,105	UPPER NOE	15,375
HAYES VALLEY	49,866	VISITACION	151,458
HAYWARD BOYS	12,013	WAWONA GREENS	5,539
HAYWARD GIRLS	67,166	WEST PORTAL	30,589
JACKSON	64,338	WEST SUNSET	69,463
JULIUS KAHN	65,453	WILLS, HELEN	48,954
JUNIPERO SERRA	44,100		
LARSEN SQUARE	20,710	TOTAL	4,325,841
LAUREL HILL	41,488		

HOUSING CENTERS

Name of Unit	Total Attendance
HUNTER'S POINT GYMNASIUM	51,193
CHANNEL	7,507
SUNNYDALE	78,081
VALENCIA GARDENS	29,512
WESTSIDE	25,738
TOTAL	192,031

AQUATIC DIVISION

Name of Unit	Total Attendance
FLEISHHACKER POOL	213,980
HAMILTON	167,899
MISSION POOL	64,536
PHELAN, JAMES D. (BEACH)	184,402
AQUATIC PARK (BEACH)	666,586
LAKE MERCED (FISHING)	34,662
TOTAL	1,332,065

SPECIAL ACTIVITIES

Name of Unit	Total Attendance
CARNIVAL	7,420
PHOTOGRAPHY CENTER	25,174
RANDALL, JOSEPHINE D. MUSEUM (JR. MUSEUM)	69,086
RIFLE RANGE, SHARP PARK	9,257
SILVER TREE DAY CAMP	13,302
STERN GROVE CONCERTS	154,686
TOTAL	278,925

CAMP MATHER

TOTAL ATTENDANCE	25,424

RECAPITULATION

PLAYGROUNDS	4,325,841
HOUSING CENTERS	192,031
AQUATIC DIVISION	1,332,065
SPECIAL ACTIVITIES	265,623
CAMP MATHER	25,424
TOTAL	6,154,486

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DIVISION OF AQUATICS

UNIT I - HAMILTON POOL

Open 12 Months
(October 17, 1955 - June 30, 1956)

Attendance 168,899
Type: Indoor
Acreage:

HOURS SUPERVISED:

Daily	Evenings	Sundays	Holidays
8:30 AM	7 - 10	10 - 12	10 - 12
5:00 PM		1 - 5	1 - 5

Staff	Classification	Hours Worked	No. of days Worked
2	R-114	40	5
2	R-110	36	6
1	R-112	40	5
1	R-112	36	6
2	R-112	14 (S&S)	2
2	R-52	36	6
2	R-52	14 (S&S)	2

PROGRAM

Time	Units of Participation	No. of People	Units of Service
8:20 - 2:45	Luther Burbank	250 (40)	10,000
2:45 - 4:00	Jr. High School Classes	75 (40)	3,000
F. 10:30-11:30	Pre-School & Adult Classes	40 (40)	1,600
S. 9:15-11:30	Saturday Classes	250 (52)	13,000
M. & W. 7-8 PM	Adult Classes	160 (52)	8,320
T. Th. F. 8-10 P.M.	Life Saving	30 (52)	1,560
7:00 - 10 P.M.	Recreation Swimming	250 (52)	13,000
3:30 - 4:45 PM	Recreation Program	100 (52)	5,200
8:30 - 10 P.M.	Free Play att.		40,169
		1,155	85,849

SPECIAL GROUPS

Units of Participation	No. of People		Units of Service
Telegraph Hill	30	(10)	300
High School Teams	120	(40)	4,800
Booker T. Washington	30	(20)	600
7 Neighborhood Clubs	150	(20)	3,000
St. Dominic	30	(30)	900
Boy Scouts	30	(40)	1,200
Buchanan "Y"	25	(40)	1,000
Cameron House	35	(20)	700
Latter Day Saints	20	(10)	200
Precita Valley	30	(10)	300
St. Paul Lutheran	25	(20)	500
Raphael Weill	20	(10)	200
Chinese Center	30	(6)	180
Langley Porter	25	(30)	750
Father Walsh Scouts	20	(10)	200
Sacred Heart	15	(20)	300
Polytechnic High	60	(40)	2,400
Paul Revere	120	(4)	480
Red Shield	60	(6)	360
St. Benedict	40	(4)	160
Dr. Baer's Syn. Sw.	25	(40)	1,000
United Airline	30	(20)	600
Ocean View Plg.	30	(10)	300
Plg. Districts	200	(5)	1,000
Portola	30	(10)	300
Sea Scouts	20	(6)	120
McKittridge School	30	(6)	180
Anza Plg.	30	(4)	120
O'Connell Tr. School	35	(20)	700
Girls' Scouts	40	(10)	400
Good Samaritan	30	(10)	300
St. Ignatius	20	(20)	400
Presidio Jr. Hi.	15	(10)	150
Campfire Girls	40	(6)	240
Canon Kip	40	(12)	480
C. Y. O.	35	(10)	350
Methodist Church	20	(10)	200
Golden Gate, S. F. Rowing, Mission, Crystal, Hamilton, Dolphin, Athens	80	(150)	12,000
	1,980		83,050

UNIT II - MISSION POOL (153 days (May 1 - November 1)

Attendance 65,870
Type: Outdoor
Acreage: 1.83

HOURS SUPERVISED

	Daily 8 - 12:00 1 - 5:00	Sundays 0	Holidays 0
Staff	Classification	Hours Worked	No. of Days Worked
1	R-114	40	5
1	R-110	35	5
1	R-112	40	5
2	R-110	14 Sunday only	1

PROGRAM

Time	Units of Participation	No. of People	Units of Service
9:10 - 12:15) 1:15 - 3:15)	Franklin (B. & G.)	200 (70)	14,000
3:15 - 4:30	Free Play	100 (150)	15,000
3:15 - 4:30	Water Sports	75 (100)	7,500
4:30 - 5:45	Team Coaching	75 (100)	7,500
F.4:30- 5:30	Diving Coaching	50 (30)	1,500
S.4:00- 5:00	Water Stunts	60 (30)	1,800

SPECIAL ACTIVITIES

Units of Participation	No. of People	Units of Service
Swim Campaign	130 (72)	9,360
Jos. Lee Day	250 (1)	250
Plg. Groups	400 (1)	400
Swim Meet	335 (2)	670

GROUPS

Units of Participation	No. of People		Units of Service
Everett	30	(40)	12,000
James Lick	30	(30)	900
Horace Mann	40	(30)	1,200
Mission High	20	(30)	600
Mission Center	20	(20)	400
Mission Dolores	30	(20)	600
Police & Fire	20	(42)	840
Volleyball Group	150	(1)	150
Campfire	30	(20)	600
O'Connell Trade	30	(20)	600
Recreation & Park Team	40	(100)	4,000
	1,915		65,870

UNIT III - FLEISHHACKER POOL (164 days - 7 months)

Attendance 215,354
Type: Outdoor
Acreage 6.9

HOURS SUPERVISED

		Daily 10 - 5	Sunday 10 - 5	Holidays 10 - 5
Staff	Classification	Hours Worked	No. of Days Worked	Length of Time
1	R112	40	5	7 Mos.
1	R112	35	5	7 "
1	R112	36	6	7 "
1	R112	35	5	10 Wks.
2	R111	40	5	7 Mos.
1	R108	40	5	12 Mos.
3	R110	40	5	10 Wks.
1	R110	35	5	10 Wks.
3	R110	14	2	7 Mos.
3	R52	36	6	10 Wks.
2	R52	14	2	7 Mos.

PROGRAM

Time	Units of Participation	No. of People	Units of Service
9:00 - 12:00	Adult Groups	62 (165)	10,210
	Langley Porter	30 (30)	900
2:30 - 4:30	Lincoln (M. & F.)	30 (20)	1,200
10:00- 12:00	Saturday - C. P.	20 (40)	800
4:00 - 5:00	Coaching Daily	20 (120)	2,400
10:00 - 5:00	Free Play		183,469

SPECIAL ACTIVITIES

Units of Participation	No. of People	Units of Service
High School Meets	200 (20)	4,000
Far Western	900 (4)	3,600
Bay City League	175 (1)	175
Jr. Clympics	600 (3)	1,800
Diving Meets	100 (2)	200
Duel Championship	200 (1)	200
Surf and Guard Tests	100 (2)	200
City Trials	300 (2)	600
All-City Division	100 (2)	200

GROUPS

Units of Participation	No. of People	Units of Service
Modesto Bees	150 (1)	150
Sacramento Bees	140 (1)	140
District Swims	300 (4)	1,200
Schools	250 (5)	1,250
Boy Scouts	150 (2)	300
Edgewood	40 (10)	400
Stockton Bees	160 (1)	160
	4,025	31,885
		183,469
	Grand Total	215,354

UNIT IV - JAMES D. PHELAN - (12 Months)

Attendance 178,355
Type: Ocean front
Acreage: 6.4

HOURS SUPERVISED

Daily	Sunday	Holidays
10 - 5	10 - 5	10 - 5

Staff	Classification	Hours Worked	No. of Days Worked	Length of time
1	R110	40	5	12 Mos.
1	R110	35	5	10 Wks.
2	R110	14	2	52 Wks.
1	R112	40	5	12 Mos.
1	R112	14	2	12 Mos.
1	R52	18	3	12 Wks.
1	R52	14	2	52 Wks.

PROGRAM

General supervision of Beach and Locker Rooms, Swimming and picnicking 175,900

SPECIAL GROUPS

Units of Participation	No. of People	Units of Service
Schools	250 (3)	750
Playgrounds	100 (10)	1,000
St. Dominic	30 (2)	60
La Conte School	30 (2)	60
Potrero Hill	55 (2)	110
Kittridge School	30 (2)	60
Miss Burke's	30 (2)	60
Serra Club	175 (1)	175
Eureka Valley	80 (1)	80
James Rolph	50 (2)	100
	830	2,455

178,355

UNIT V - AQUATIC PARK (12 Months)

Attendance 666,536
Type Bay Front
Acreage: 31:42

HOURS SUPERVISED

Staff	Classification	Daily 10 - 5 Hours Worked	Sunday 10 - 5 No. of Days Worked	Holidays 10 - 5 Length of Time
2	R110	35	5	9½ Mos.
2	R110	14	2	12 Mos.

PROGRAM

Time	Units of Participation	No. of People	Units of Service
10 - 5	Swimming, picnicking, volleyball, fishing, free play		654,205

SPECIAL GROUPS

Units of Participation	No. of People		Units of Service
Y. M. C. A. - Stonestown	118	(1)	118
Daly City Playgrounds	267	(1)	267
Y. M. C. A. - S. F.	43	(3)	129
School Plg.	209	(1)	209
Plg.	65	(1)	65
Schools (Vacation)	119	(2)	238
Schools and Dist. Swim	605	(1)	605
Hanna Boys' Club (Sonoma)	205	(2)	410
Visitacion C. C.	80	(2)	80
District Outing	150	(2)	300
Michelangelo Plg.	34	(3)	102
Marin School	78	(2)	156
Berkeley "Y"	32	(3)	96
Marin County "Y"	155	(1)	155
Boy Scouts	83	(3)	249
Menlo Park Boys' Scouts	63	(1)	63
A. A. F.D. Fairfield	158	(1)	158
Francisco School	270	(1)	270
St. Francis School	36	(1)	36
Palo Alto	83	(1)	83
St. Francis Nursery	97	(2)	194
Boldy School (Richmond)	81	(1)	81
Hunter's Point	149	(1)	149
Bear Park - Palo Alto	136	(1)	136

SPECIAL GROUPS (CONTD.)

Units of Participation	No. of People		Units Service
Mark Twain School	96	(1)	96
Edison School	53	(4)	212
Rafael Weill	89	(3)	267
Arden, Sacramento	271	(1)	271
Sheridan School	107	(4)	428
Candlestick	133	(3)	399
Schools	250	(3)	780
Alta Plaza	30	(2)	60
J. Kahn	25	(2)	50
Cerebral Palsy	30	(6)	180
Youth Guidance	20	(1)	20
North Beach	50	(1)	50
Lions' Club	30	(4)	120
C. Y. O.	40	(3)	120
District Swimming	400	(2)	800
Merced Heights	25	(2)	50
Cayuga	104	(2)	208
Sacramento (Concord)	345	(1)	345
Playground, Sacramento (2)	396	(1)	396
Cub Scouts	210	(3)	630
P. A. School	72	(3)	216
Castro Valley	160	(1)	160
Cupertino	115	(2)	230
Scouts S. F.	188	(2)	376
Hoover School	62	(2)	124
Geary School	97	(2)	194
Peixotto	106	(2)	212
Thorton School	51	(1)	51
Palo Alto C. C.	66	(1)	66
Whitaker	30	(1)	30
Chico High School	76	(1)	76
Jefferson	119	(2)	238
Franklin	43	(3)	129
East Shore	103	(2)	206
Union High	52	(1)	52
McKinley	163	(2)	326
Redwood City	61	(2)	122
Woodside Courts	61	(2)	122
Silver Terrace	52	(2)	104
Corpus Christie	87	(2)	174
Belmont Intermediate	77	(2)	154
Daniel Webster School	52	(4)	208
Pacific Heights	95	(2)	190
Alma School	77	(1)	77
Neil Brent School	95	(1)	95
Avalon	40	(3)	120
Hancock	31	(4)	124
Golden Gate	184	(3)	554
	7,535		1,368
		Total	12,331
			654,205
		Grand Total	666,536

UNIT VI - LAKE MERCED (April 28 - December 1)

Attendance 20,100
Type: Lake (Boating & Fishing)
Acreage: 368

HOURS SUPERVISED:

Staff	Classification	Daily 10 - 5 Hours Worked	Sundays 6 - 6 No. of Days Worked	Holidays 10 - 5 Length of Time
2	R110	(6-12) (12-6)	2	56 days
1	R110	10 - 5	10 Wks.	50 "

PROGRAM

Time	Units of Participation	No. of People		Units of Service
6:00 - 6:00	Fishing from floats (S. & S.)	100	(56)	11,200
10:00 - 5:00	Fishing & Boating (Schools, C. C., Plg.)	178	(50)	8,900
		278		20,100

SPECIAL GROUPS

(Included in above)

Units of Participation	No. of People		Units of Service
Boys' Club	30	(6)	180
Edgewood	30	(5)	150
Junipero Serra Plg.	70	(3)	60

UNIT VII - SAN FRANCISCO STATE COLLEGE (March 4, 1956 to July 1, 1956
(Sunday only)

Attendance 7,263
Type: Indoor
Acreage:

UNIT VII - SAN FRANCISCO STATE COLLEGE (CONTD.)

HOURS SUPERVISED:

Staff	Classification	Hours Worked	Sundays (only) 10 - 5 No. of days Worked
2	R110	7	1
2	R112	7	1
2	R52	7	1

This unit is used Sundays only from 10 - 5, at which time free play is supervised by Recreation & Park lifeguards.

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DIVISION OF RECREATION

ATHLETIC DIVISION: MALE

COVER PLAYGROUND AND CENTERS (CITY WIDE)

STAFF: 1 - R 105 Supervisor of Athletics - Hours of Work - 40 hr. Week
1 - R 58 Supervising Director - " " " " " "
1 - R 56 Playground Director - " " " " " "

Number of days work per week - Varies (Monday thru Sunday) to meet the demand of program.

INDUSTRIAL DIVISION - MALE

	No. OF TEAMS	NO.OF PLAYERS	NO.OF WEEKS	SERVICE UNITS
BOWLING	40	240	27	6480
BASKETBALL	31	465	9	2571
GOLF (SPRING)		517	2	517
GOLF (FALL)		328	2	328
TABLE TENNIS MEN & WOMEN(SPRING)		251		251
" " " " (FALL)		296		296
SNOW TRIP		173		173
SOFTBALL	29	435	7	3045

SPECIAL EVENTS

INTRA FIRM ACTIVITIES

TENNIS TOURNAMENTS (STANDARD OIL)		519		519
TABLE TENNIS (PAC TEL & TEL)		84		84
" " (S.F.N.S.)		126		126
" " (METROPOLITAN)		117		117
SOFTBALL - MINOR LEAGUE	40	600	10	6000
SOFTBALL - CITY WIDE	61	935	10	9350
SOFTBALL - BNAI BRITH	4	60	8	480
SOFTBALL - ACACIA	15	225	8	800
SOFTBALL - CITY EMPLOYEE'S	8	105	8	840
SOFTBALL - A. Z. A.	11	165	8	1320
SOFTBALL - NATIVE SONS	6	90	7	560
SOFTBALL - COUNCIL OF CHURCHES	7	105	7	805
SOFTBALL - LUTHERAN	4	60	5	300
SOFTBALL - NISEI	4	60	5	300
SOFTBALL - OPTIMIST	6	90	6	540
SOFTBALL - MORMON	6	90	6	540
SOFTBALL - PAC TEL & TEL	15	825	8	6600
SOFTBALL - S.F. FIRE DEPT	7	105	6	630
SOFTBALL - ARM FORCES	4	60	8	480
RIFLE RANGE			52	9260

INDUSTRIAL DIV. (CONT'D)

	NO. OF TEAMS	NO. OF PLAYERS	NO. OF WEEKS	SERVICE UNITS
BEACH CHALET			52	
C.Y.O. SOCCER	7	105	6	630
AMERICAN FOOTBALL	18	324	30	9720
GAELIC	8	120	15	1800
HIGH SCHOOL SOCCER	9	180	7	1260
JR. HIGH SCHOOL "	15	715	7	4935
BOYS ACTIVITIES				
BASKETBALL	101	877	6	5267
" PENTATHLON		402		402
TENNIS SPRING (BOYS & GIRLS)		455		455
" FALL " "		503		503
TABLE TENNIS SPRING		702		702
" " FALL		708		708
FOOTBALL (TOUCH TACKLE)	79	728	5	3640
FOOTBALL (FEATURE)		376		376
MARBLES (BOYS & GIRLS)		160		176
TRACK & FIELD		880		880
SOFTBALL (CUBS)	36	648	11	7128
" (PLAYGROUND)	56	693	6	4158
KICKBALL PLAYDAY	38	445	3	1335
VOLLEYBALL	26	265	5	1325
BASEBALL ACTIVITIES				
MUNI FEDERATION	96	1281	5	6405
SR. HIGH SCHOOL	9	135	9	1215
JR. VARSITY	9	135	9	1215
JR. HIGH SCHOOL	13	195	8	1560
C. Y. O.	64	960	5	4800
POLICE BIG BROTHER	12	180	5	940
S.F. BOYS CLUB	8	120	6	720
TWILIGHT LEAGUE	8	120	7	840
MIDGET LEAGUE	39	585	5	2925
SATURDAY LEAGUE B	6	90	5	450
" " D	12	180	5	900
SUMMER LEAGUE	25	375	12	4500
WINTER LEAGUE	28	420	7	2940
INDEPENDENT	16	380	21	7980
BOWLING GREENS				
BOWLING GREEN (WOMEN)		70	52	3640
" " (MEN)		140	52	7280
CALIF. STATE		100	1	100
OPEN CALIF.		35	1	35
CHAMPIONSHIP SINGLES		35		35
" DOUBLES	20	40		40
" MIXED DOUBLES	24	48		48

BOWLING GREENS(CONT'D)

	NO.OF TEAMS	NO.OF PLAYERS	NO.OF WEEKS	SERVICE UNITS
LASSIE TROPHY	18	26		26
BOYTON "	10	30		30
McLAREN "		34		34
BROOKS "		8		8
DR. SILL "		28		28
HANDICAP (DOUBLES)		24	4	96
" (SINGLES)		22	3	88
TWO BOWL		30		30
NOVICE TROPHY		21		21
TARAVALLIER		40	2	80

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DIVISION OF GIRLS' AND WOMEN'S ATHLETICS

JUNIOR PROGRAM

GIRLS' AND MIXED GROUPS (THROUGH 18 YEARS OF AGE)

	No. of Teams	Participants or No. of Players	No. of Weeks	Service Units
INDOOR RELAYS (10 ROSTER)	63	630	2	1,260
TETHERBALL TOURNAMENT		225	4	900
GIRLS' BASKETBALL PENTATHLON		478	1	478
GIRLS' BASKETBALL PENTATHLON FINALS		66	1	66
GIRLS' BASKETBALL (10 ROSTER)	23	230	3	690
GIRLS' KICKBALL PLAYDAY	32	400	4	1,200
GIRLS' TRACK AND FIELD		279	5	1,395
GIRLS' SOFTBALL LEAGUE (15 ROSTER)	22	352	6	2,112
JACKS - PLAYGROUND ELIMINATION		486	1	486
SEMI-FINALS		108	1	108
FINALS		54	1	54
CHECKER TOURNAMENT-PLAYGROUND ELIMINATION		615	1	615
SEMI-FINALS		140	1	140
FINALS		86	1	86
CHESS TOURNAMENT-PLAYGROUND ELIMINATION		300	1	300
SEMI-FINALS		120	1	120
FINALS		84	1	84
MIXED VOLLEYBALL	27	215	2	430
MIDGET GIRLS' VOLLEYBALL LEAGUE	15	180	8	1,440
JUNIOR & SENIOR GIRLS' VOLLEYBALL LEAGUE	25	300	8	2,400
JOSEPH LEE PLAYDAY		1,200	1	1,200

All figures listed above represent the number who actually participated in inter-playground competition. These same activities were regularly conducted on our various units prior to each of the scheduled events.

SEE ACTIVITIES CALENDAR ATTACHED.

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DIVISION OF GIRLS AND WOMEN'S ATHLETICS — ACTIVITIES CALENDAR

ACTIVITY	NOTICE SENT	ENTRIES DUE	PLAY STARTS
BOYS' BASKETBALL PENTATHLON	Dec. 9, 1955	Dec. 30, 1955	Jan. 7, 1956
*INDOOR RELAYS PLAYDAY	Dec. 1, 1955	Jan. 6, 1956	Jan. 14, 1956
BOYS' BASKETBALL	Dec. 7, 1955	Jan. 4, 1956	Jan. 21, 1956
*TETHERBALL TOURNAMENT	Dec. 21,1955	Jan. 3, 1956	Jan.21 & 28,"
MARBLES	Jan. 16,1956	Feb. 8, 1956	Feb.18, 1956
*GIRLS' BASKETBALL PENTATHLON	Jan. 27,1956	Feb. 10, 1956	Feb.25 & Mar.3, 1956
BOYS' KICKBALL PLAYDAY	Feb. 8, 1956	Feb. 24, 1956	Mar.10 & 17, "
*GIRLS' BASKETBALL PLAYDAY	Feb. 10,1956	Feb. 29, 1956	Mar.10 & 17, "
*GIRLS' BASKETBALL PLAYNITE	Feb. 10,1956	Mar. 9, 1956	Mar.22 & 29, "
BOYS' & GIRLS' TABLE TENNIS TOURNAMENT	Feb. 21,1956	Mar. 21, 1956	Apr. 7 & 14, "
BOYS' SOFTBALL LEAGUE	Mar. 1, 1956	Mar. 30, 1956	Apr. 14, 1956
BOYS' & GIRLS' TENNIS TOURNAMENT	Jan. 23,1956	Mar. 2, 1956	Apr. 21, 1956
*GIRLS' KICKBALL PLAYDAY	Mar. 19,1956	Apr. 9, 1956	Apr. 21&28 "
*GIRLS' TRACK & FIELD	Apr. 6, 1956	Apr. 30, 1956	May 12, 1956
BOYS' TRACK & FIELD	Apr. 9, 1956	May 9, 1956	May 26, 1956
*GIRLS' SOFTBALL LEAGUE	May 21, 1956	June 8, 1956	June 22, 1956
BOYS' BASEBALL	May 2, 1956	June 8, 1956	June 25, 1956
*JACKS TOURNAMENT	June 11,1956	July 2, 1956	July 13 & 20,"
*CHECKERS TOURNAMENT	June 11,1956	July 6, 1956	July 17 & 24,"
BOYS' VOLLEYBALL LEAGUE	June 4, 1956	July 18, 1956	Aug. 6, 1956
*CHESS TOURNAMENT	July 20,1956	Aug. 8, 1956	Aug.21 & 28,"
*GIRLS' VOLLEYBALL LEAGUE	Aug. 10,1956	Aug. 31, 1956	Sept. 15, 1956
*MIXED VOLLEYBALL PLAYDAY	Aug. 31,1956	Sept.20, 1956	Sept. 29, 1956
SIX MAN TOUCH TACKLE	Aug. 22,1956	Sept.19, 1956	Oct. 6, 1956

*Events conducted by the women's & girls' athletic department.

ACTIVITIES CALENDAR

ACTIVITY	NOTICE SENT	ENTRIES DUE	PLAY STARTS
BOYS' & GIRLS' TABLE TENNIS TOURNAMENT	Aug.29, 1956	Sept.26, 1956	Oct.13 & 20, 1956
FOOTBALL FEATURE	Sept.24,1956	Nov. 7, 1956	Nov. 23, 1956
BOYS' BASKETBALL PENTATHLON	Dec. 4,1956	Dec. 28, 1956	Jan. 5, 1957
*INDOOR RELAYS PLAYDAY	Dec. 3,1956	Jan. 4, 1957	Jan. 12, 1957
BOYS' BASKETBALL	Dec. 3,1956	Jan. 2, 1957	Jan. 19, 1957

* EVENTS CONDUCTED BY THE WOMEN'S & GIRLS' ATHLETIC DEPARTMENT.

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DIVISION OF GIRLS' AND WOMEN'S ATHLETICS

GOLDEN GATE PARK TENNIS COURTS

(Scheduled Tournaments)

Tournament or Group	No. of Players	Time Involved	Service Units
** City	130	8 days	276
** Northern California	160	8 days	318
** Class	128	6 week-ends	266
Interclub	60	8 week-ends	480
AAA	90	6 weeks (3 times a week)	540
** Call-Bulletin	375	7 days	768
** Industrial (Fall)	118	5 days	234
** Industrial (Spring)	122	5 days	236
C.Y.O. Girls	48	8 days	384
** Women's Club	15	4 Tournaments a year 12 days	120
Round Robin	24	8 times a year	192
Northern Calif. Tennis Championship (Jr. College)	54	4 days	216
** Western Pacific Railway	40	2 days	60
City College	20	14 days	280
** Standard Oil Co. (2 Tournaments)	80	8 days	148
Wightman Cup	60	Twice a week for 52 weeks	6,240
Boys' Beginners Class	15	Twice a week for 32 weeks	960
Lowell High	30	Three times a week for 36 weeks	3,240
Women's Beginners Class	15	Once a week for 32 weeks	480
Poly High Girls	40	Twice a week for 16 weeks	1,280
Poly High Boys	20	Twice a week for 16 weeks	640
Handicap Grab Bag Mixed Doubles	60	4 days	114
Open Turkey Handicap Mixed Doubles	62	6 days	144
St. Ignatius	20	Twice a week for 4 weeks	160
Lick Wilmerding	20	8 days	160
Northern California Private Schools Conference	60	2 days	120
Geo. Washington High	10	4 days	40

**Will not follow a regular pattern due to being an elimination type of tourney.

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DIVISION OF GIRLS' AND WOMEN'S ATHLETICS

INDUSTRIAL PROGRAM

Event	No. of Teams	Participants or No. of Players	No. of Weeks	Service Units
**TENNIS TOURNAMENT (SPRING) MEN & WOMEN		122	5	256
**TENNIS TOURNAMENT (FALL) MEN & WOMEN		118	5	233
WOMEN'S BOWLING LEAGUE	36	288	30	5,400
WOMEN'S VOLLEYBALL LEAGUE (SPRING)	8	120	6	720
WOMEN'S VOLLEYBALL LEAGUE (FALL)	12	180	8	1,440
MIXED BOWLING LEAGUE	39	273	13	2,535
WOMEN'S BASKETBALL LEAGUE	4	60	6	360
WOMEN'S SOFTBALL	4	60	6	360
WOMEN'S & MEN'S BOWLING BANQUET		177	1 Night	177
WOMEN'S VOLLEYBALL BANQUET (SPRING)		84	1 "	84
WOMEN'S VOLLEYBALL BANQUET (FALL)		109	1 "	109
MIXED BOWLING BANQUET		148	1 "	148
WOMEN'S BASKETBALL DINNER		44	1 "	44

**Will not follow regular pattern set because of an elimination event.

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DIVISION OF DRAMA AND DANCE

The following figures represent activities conducted on all units.

ACTIVITIES	PARTICIPATION GROUPS	PARTICIPATION ATTENDANCE	NO. OF MEETINGS	UNITS OF SERVICE
STORY TELLING	103	2060	49	100,940
GOLDEN GATE STORY LEAGUE	1	25	10	250
GOLDEN GATE STORY LEAGUE CLASSES	2	30	18	540
STORYLAND STORY LEAGUE	1	20	10	200
STORY PLAY	50	1000	51	51,000
PUPPETRY	13	260	40	10,400
PLAY PRODUCTION	15	225	30	6,750
SINGING GAMES	96	2400	49	117,600
SMALL FOLK'S RHYTHMICS	69	1725	50	86,250
FOLK DANCING (BOYS & GIRLS)	61	1220	50	61,000
FOLK AND SQUARE DANCING (ADULT)	17	1020	52	53,040
SPECIAL DANCE GROUPS	4	140	45	6,300

In taking statistics for programs the spectator count is included, as the civic group requesting the program, is the one that is being serviced. For example, when a storyteller is sent to an agency in response to a request, it is the group to whom the stories are being told that is receiving the service, and not the story teller. This also holds true when puppet shows, folk dance groups, etc., are sent out in response to a request.

PROGRAMS AND SPECIAL EVENTS GIVEN ON RECREATION UNITS.

PROGRAMS	PARTICIPANTS	SPECTATORS	TOTAL
"CARNIVAL" at STERN GROVE	1,500	7,420	8,920
DOLL FESTIVAL AT SHARON BLDG. . .	414	3,208	3,622

DRAMA & DANCE
PROGRAMS & SPECIAL EVENTS (CONTINUED)

PROGRAMS	PARTICIPANTS	SPECTATORS	TOTAL
MAY DAY AT KEZAR	956	12,000	12,956
COLUMBUS DAY PAGEANT AT AQUATIC PARK	200	15,000	15,200
12 ADULT REGIONAL FOLK FESTIVALS	6,000	2,400	8,400
1 DANCE PROGRAM AT STERN GROVE FOR PHOTOGRAPHY CONTESTS	30	8,335	8,365
FOLK DANCE PROGRAM AT BAND CONCOURSE	50	500	550
SINGING GAMES - JOSEPH LEE DAY	984		984
STORY PLAY FESTIVAL AND CONTEST	231		231
3 UNESCO PROGRAMS	207	528	735
465 ADDITIONAL PROGRAMS GIVEN FOR SPECIAL DAYS DURING THE YEAR	38,000	51,200	89,200

PROGRAMS AND SPECIAL EVENTS GIVEN ELSEWHERE AS A COMMUNITY SERVICE.

	PARTICIPANTS	SPECTATORS	TOTAL
8 RADIO PROGRAMS (KNBC and KPFA)	Listening Audience		
6 TELEVISION PROGRAMS (KQED)	Viewing Audience		
250 GOLDEN GATE STORY LEAGUE PROGRAMS	290	40,000	40,290
16 GOLDEN GATE STORY LEAGUE CLASSES	455		455
10 ADULT FOLK PROGRAMS AT FORT BAKER	800		800
109 ADULT FOLK DANCE PROGRAMS	3,800	12,000	15,800
SENIOR CITIZEN HOBBY SHOW	147	6,781	6,928

COSTUMING

Costumes used	12,000
New costumes	900
Costumes remodeled	825
Costumes altered	1,010

STAFF

1 - R 106 40 - Supervisor of Drama
1 - R 58 40 - Drama assistant
1 - I 254 40 - Seamstress
1 - I 154 40 - Laundress
3 - 79.50 39½ hours - assigned to Adult Folk Dance Groups
5 - R 56 hourly 3 @ 6 hours per week - assigned to Adult Folk Dance Groups
2 @ 3 hours per week - assigned to Adult Folk Dance Groups

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DIVISION OF RECREATION

PLAYGROUND	Silver Tree Day Camp
TYPE	Glen Canyon - Camping
ACREAGE	70
ANNUAL ATTENDANCE	13,202

NO. STAFF	CLASS	NO. HOURS	DAYS PER WEEK
15	10 R-56	8 hours	5 days (11 weeks 1956)
	2½ I-92	8 hours	5 days
	2 Locker Aides	72 hours per month	5 days

CAMPING HOURS	DAILY (Mon.Tue.Wed.Fri.)	THURSDAY	SATURDAY	SUN.	HOLIDAYS
9:00 - 5:00		12:30-8:30 P.M.	-	Closed	-

PROGRAM

FLAG RAISING
CAMP CRAFT
NATURE LORE
HIKING
QUIET PERIOD
MUSIC
GENERAL CRAFTS
STORY TELLING
SKITS
CAMPFIRE PROGRAMS
FLAG LOWERING
COOKOUTS
TREASURE HUNT
INDIAN CHASE

SPECIAL ACTIVITIES

TOURS
FIELD TRIPS
MOVING PICTURES - WILD ANIMALS AND NATURE EDUCATION

SPECIAL GROUPS SERVICED

RETARDED CHILDREN
CHILD CARE CENTERS

ANNUAL REPORT

1955-1956

DIVISION OF JOSEPHINE D. RANDALL JUNIOR MUSEUM

During the past year the San Francisco Recreation and Park Department continued its program of art, science and natural history activities at the Josephine D. Randall Junior Museum. Here the young people of San Francisco were offered an opportunity to participate in scientific and cultural hobbies presented in the form of exhibits, study collections, arts and crafts projects and field excursions.

PROGRAM

The Museum was open to visitors from 10:00 A.M. to 5:00 P.M. Monday through Saturday and from 12:00 Noon to 5:00 P.M. Sundays and Holidays.

Participation in activities was carried on from 2:30 P.M. to 5:00 P.M. on weekdays during the school term and from 10:00 A.M. to 5:00 P.M. on Saturdays and school vacation days.

Guided tours of the Museum were conducted for schools and clubs during the hours of 10:00 A.M. to 2:30 P.M. Teachers and club leaders arranged in advance for special programs related to term projects.

On Saturdays and daily during the summer vacation a program of movies was presented from 12:30 P.M. to 2:00 P.M. Also adult clubs and groups scheduled the Museum Auditorium for evening programs and meetings from 7:30 P.M. to 11:00 P.M.

ATTENDANCE

Total attendance for the year 1955-1956 was 70,465 persons.

	NUMBER OF DAYS	PARTICIPANTS
Saturdays and school vacation days	128	48,966
Weekdays (school term)	179	17,784
Sundays and Holidays	60	3,715

Included in the above totals are the following groups:

	Number of Groups	Participants
School Classes	33	1,158
Clubs, Scouts, Centers, etc.	306	4,430
Adult Groups (daytime)	13	539
Night Meetings	57	3,270

The following organizations used the facilities of the Junior Museum for monthly meetings.

	Average Attendance Per Meeting
San Francisco Amateur Astronomers 1st Wed. each mo. 7:30 - 11:00 P.M.	30
San Francisco Gem & Mineral Society 1st Friday each mo. 7:30 - 11:00 P.M.	150
Junior Numismatic Society 1st Friday each mo. 7:30 - 9:30 P.M.	20
San Francisco Cage Bird Society 2nd Tues. alternate mos. 7:30 - 11:00 P.M.	25
St. Francis Dog Training Club 2nd Wed. each mo. 7:30 - 11:00 P.M.	40
California Alpine Club 4th Wed. each mo. 7:30 - 11:00 P.M.	75
San Francisco Antique Car Club 3rd Wed. each mo. 7:30 - 11:00 P.M.	25
San Francisco Archers 1st Tues. each mo. 7:30 - 11:00 P.M.	75

S T A F F

The staff of the Museum consisted of one full time curator and two full time assistants.

Four part time assistants worked 2 hours on weekdays and 6 hours on Saturdays and school vacation days. Two additional part time assistants worked 6 hours on Saturdays and school vacation days only.

VOLUNTEERS:

Eight students from San Francisco State College served 25 hours each as volunteers assistant instructors in various activities of the Museum. This was part of a teacher training course of the college.

During the summer vacation months the Auxiliary of the Josephine D. Randall Junior Museum provided from one to six volunteer workers daily who served as hostesses, handled telephone calls and other office details, and conducted activities for pre-school age youngsters in the children's corner. In taking over these tasks the volunteers made it possible for members of the staff to conduct the Museum activities in a more efficient and satisfactory manner.

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1955-1956

DIVISION OF PHOTOGRAPHY

Since February 1, 1954, the Photography Center has been located at 45 Polk Street. This location was selected as a temporary site until the completion of the construction of the new Central Activities Building. Financial difficulties has caused us to continue operation in this inadequate building for a much longer period of time than anticipated. However, regardless of the limitations of the building, we have been able to conduct quite a successful program. Depending on weather conditions and parking facilities, which vary with the use of the Auditorium and Opera House, the monthly attendance runs between 2,000 and 2,600.

The Photography Center is not a school of photography. No attempt is made to compete or duplicate the photography programs offered in the San Francisco School Department. However, it is necessary to give some instruction so that those who have not the time or the desire to attend regular school classes may be given at least a smattering of knowledge about photography. In this connection, in addition to the regular information and personal instruction that the directors are ready to give, three very successful courses, one in enlarging and print making and two in color photography were given at the Center. The color courses lasted for six weeks and the enlarging course for three months. These courses were sponsored by the Special Activities Committee. The Sunset Camera Club was joint sponsor in the enlarging course. The Supervising Director of the Center cooperated in many ways to help make the courses a success. Approximately, three hundred people attended these courses.

All in all, the past year has been quite successful. In that regard, we quote from an article written by George Baker, Photography Editor of the San Francisco Chronicle, in the Leisure Section of the Chronicle on Sunday, August 26, 1956:

> "I know that many of us are going to be at Camp Mather next week end for the annual photography outing that has become the high point of the year for many amateurs of the Bay Area. I would like to take this opportunity to once more pay tribute to Fred Levy, Director of Photography for the Park and Recreation Department of the City of San Francisco for the splendid work he does each year in making this type of thing possible.
>
> With the co-operation and approval of Max Funke and other civic leaders he has provided a program in this field which is completely unique in America. The Photography Center at 45 Polk Street, San Francisco Photography Day at Sigmund Stern Grove each May, and the annual three-day trek to Mather in the Yosemite-Hetch Hetchy area of the Sierra are civic contributions that have done a great deal to promote general interest and pride in this most popular of all hobbies."

Under my supervision are seven part time directors, who during the year were paid at the rate of two dollars an hour and worked a total of approximately two hundred and eighty-eight hours per month. Six of the directors making $79.50 per month. These directors are assigned on a staggered schedule of hours so that not less than two directors are on duty during peak hours. Besides the directors, a part time janitor, who works approximately four hours a day, does the janitorial work five days a week. The Center is officially open Monday, Tuesday and Wednesday -- 6:00 to 10:30 p.m., Thursday and Friday -- 4:00 to 10:30 p.m., and Saturday and Sunday -- 12:30 to 5:30 p.m. On meeting nights, when necessary, the Center is open until 11:00 p.m. The directors' duties include the following: (1) preparing the dark room for use before the Center opens; (2) conducting the activities of the Center during open hours; (3) giving advice and instruction in photography; (4) taking care of equipment etc., and other assigned and related duties.

It is necessary to replace the services of the directors while they are on vacation. Last year this was done by allowing the hourly director to work additional hours. The same was done this summer.

We will be able to conduct the Photography Center with the same number of man-hours this year. However, when we get into the Special Activities Building considerable more help will be required.

ANNUAL REPORT

1955-1956

DIVISION OF RECREATION

MUSIC DEPARTMENT

ACTIVITIES	GROUPS	AVERAGE	MEETINGS	UNITS OF SERVICE
TINY TOT SINGING	20	30	90	54,000
SMALL CHILDREN SINGING	42	26	50	54,600
FOLK SONG BOYS & GIRLS	42	28	50	58,300
BOYS SINGING GROUP	1	25	40	1,000
CHILDREN'S RHYTHM BAND	42	25	52	54,600
RECREATION SYMPHONY ORCHESTRA	1	75	65	4,875
				227,375

SPECIAL EVENTS & PROGRAMS	PARTICIPANTS	SPECTATORS	TOTAL
JUNE CARNIVAL STERN GROVE	1500	7420	8920
JOSEPH LEE DAY	984	-	984
3 UNESCO PROGRAMS	190	500	690
90 XMAS PROGRAMS ON INDIVIDUAL GROUNDS	9000	10000	19000
350 PROGRAMS ON GROUNDS DURING YEAR - SPECIAL DAYS HALLOWEEN, THANKSGIVING VALENTINE DAY - COLUMBUS EASTER, WASHINGTON'S BIRTHDAY TALENT SHOWS, ETC.	26000	35000	61000
SILVER TREE CAMP COMMUNITY SINGING	9835	1400	11235
SPECIAL PROGRAM FOR PARENT TEACHERS NATIONAL CONVENTION	50	150	200
XMAS CAROL PROGRAM AT UNION SQUARE (4 NIGHTS):			
3 GROUPS EACH EVENING	1015	800	1815
GIRLS CHOIR AT WOMANS CITY CLUB (2 performances)	50	425	475
2 CONCERTS AT NOURSE AUDITORIUM BY RECREATION SYMPHONY ORCHESTRA	160	750	810
2 COMMUNITY SINGS AT WOMANS CITY CLUB	450	-	450

PERSONNEL

1 -	R 106 Supervisor of Music	
1 -	Orchestra Leader, R 56 (PT)	$79.50
1 -	Librarian for Orchestra	79.50
6 -	Pianists R 56 (PT)	79.50
9 -	Pianists @ $2.50 per call, as needed	

The pianists' duties are:

1. Conduct singing and Rhythm Band classes on 42 playgrounds.
2. Play for folk dance classes, circle games and ballet classes on grounds.
3. Accompany for the special programs on and off playgrounds.
4. Accompanist and librarian for Recreation Symphony orchestra.
5. Attend the music "Work shop" at regular intervals.

The Music Department furnishes pianists for the singing and dancing classes on the playgrounds.

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1955 - 1956

DIVISION OF SAN FRANCISCO ZOOLOGICAL GARDENS

Expenditures for Maintenance and the operation of the zoo this year was $305,800. This includes a large maintenance repair item on the Aquatic Aviary of $6,041.

The parking lot, partly completed, ran $6,205.

New paddocks for the Zebras and some other animals cost $19,926. This was a good, substantial job which will give us a safer and better exhibit and an arrangement that will have almost no maintenance cost for many years.

Our attendance was normal with approximately 2,000,000 visitors to the zoo.

A master plan is most important and would run us about $10,000. Some of our cages and animal quarters are in very bad shape but I would suggest that the important thing at the present time is a thorough study of our future needs and a master plan for the proper improvements in the most economical way possible.

In spite of some criticisms which we have received I believe it is well to bear in mind that the zoological gardens are one of our greatest recreational attractions and in spite of much more work that is needed, we have nevertheless made fundamental improvements thru the excellent cooperation that we have received from various departments and divisions.

ANNUAL REPORT

1955 - 1956

DIVISION OF PARKS AND SQUARES

The following is a report on the activities of the Park Department for the year of 1955 and 1956.

We also present a summary of maintenance and improvements in the Park Department and general information regarding the parks and squares and recreation division areas.

The Park Department is responsible for the maintenance of parks and squares, all recreation grounds and buildings and the golf courses. These include Lincoln Park Golf Course, Harding Park Golf Course, Golden Gate Park Golf Course, Sharp Park Golf Course, and in addition, the Rifle Range at Sharp Park. These golf courses are in excellent condition and attract a great many people to play on them.

The winter season was devoted by the tree crew to the removal of dangerous limbs and broken trees and cleanup work. A great amount of time was spent in redevelopment and renewal of areas in the park. A quantity of plant material was used for this purpose. The area adjacent to the South Drive opposite 20th to 23rd Avenues was planted with cherries and it gives a nice finished job.

The banks and borders in the rear of the deYoung Museum were replanted. A new Rhododendron planting was established on the north side of the Main Drive near 30th Avenue entrance.

As the Conservatory always offers a strong attraction to the many visitors to the park, we are constantly striving to increase this popularity. Yearly additions are constantly added to the present fine collection of orchids, palms, ferns and the tropical plants which form the feature of the Conservatory. Conservatory Valley has increased in popularity since the many floral designs this year were such an attraction.

The Arboretum continued to be very popular and the attendance was extremely heavy.

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1955 - 1956

DIVISION OF PARKS, SQUARES AND GROUNDS

The Fall of 1955 was an unusually wet one with continuous rain, which prevented the digging and planting of shrubs, trees and lawns. Therefore, no large rehabilitation jobs were possible in Golden Gate Park.

Severe storms caused widespread loss of trees and large limbs. Fully two months were required to completely cut up and dispose of the debris and repair damaged shrubberies and borders.

The bank and border on the Main Drive behind the new wing of the De Young Museum was landscaped.

A new path was established across the southwest corner of the Band Concourse connecting the Academy of Sciences and the South Drive footpaths. This entire corner was regraded, reloamed and planted.

A new Rhododendron planting was established on the north side of the Main Drive opposite Lindley Meadow using good varieties thinned from the John McLaren Memorial Grove. Thirty of the smaller plants were stolen the first week but the larger specimens are doing well.

Several truck loads of fine heather plants, ERICA MELANTHERA and PERSOLUTA, were donated by Mr. Rod McClelland of McClelland's Nursery and two plantings were established. One on the Cross-over Drive and one on South Drive opposite Mallard Lake.

The planting of borders along Cross-over Drive and South Drive in the Elk Glen Section has been extended and a new Tree Fern Dell was added just east of Mallard Lake. The maintenance of these borders has been kept at a high level and they were extremely colorful this year, eliciting much favorable comment from the public.

An increased number of floral designs were planted in front of the Conservatory as follows:

August 3, 1955	Air Force
October 6, 1955	Dental Association
October 26, 1955	Girl Scouts
December 13, 1955	Holiday Season
January 16, 1956	U. S. Lawn Tennis
May 15, 1956	Parents-Teachers Association
June 13, 1956	Kiwanis
June 22, 1956	N. A. A. C. P.

Five hundred yards of loam were received, and in addition to the above jobs many of the grass borders were top dressed. Hundreds of yards of dry sludge and filter cake were used in dressing lawns throughout the park properties.

The Tree Crew, Mower Crew and Spray Crew have been in continuous operation working against a backlog of much needed service.

Ever increasing use of all facilities has made our clean-up operations, and repair of simple "wear and tear", a growing problem which takes a larger percentage of available man-days each year.

In spite of a bad planting season we were able to plant 1,114 trees, 13,250 shrubs, 193,500 annuals and perennials, 6,146 vines and ground covers.

The Boy Scouts were supplied with 285 Pines and Cypress which they planted under our supervision.

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1955 - 1956

DIVISION OF NURSERY

The general condition of the buildings at the Golden Gate Park Nursery is good, however, the roof of the soil shed leaks badly. The materials for its repair are in the storeroom and should be installed before the coming winter. The few sash bars and sills that are rotten will be replaced or repaired during the winter. Requisitions for repairs to the ceiling of the boiler room have been in for some months, however, the condition is not serious and no damage is being done to the equipment therein. The fence around the nursery is, for all practical purposes, non-existent. An item has been included in the last five or six budgets for the fence's replacement but has been eliminated each time. We will submit the request in the next budget.

The greenhouses at Balboa Nursery are in poor shape with many rotten sections. This condition is deliberately tolerated since the houses will be destroyed within the next few years when the southern free-way is built. All other buildings on the Balboa property are in good condition. The replacement of these buildings at McLaren Park should be accomplished as soon as possible so there will be no lapse of service and supply from this operation.

Except for the old (17 years) Vaughn Tractor, all of our equipment is in good operational condition. A replacement item for the Vaughn Tractor was submitted in the 1956-1957 budget but was not allowed.

Flowers have been provided weekly for City Hall offices. The Mayor's offices and the Supervisor's chambers were decorated each week. Flowers were also provided for our offices and commissioners, civic welcomes in the rotunda of the City Hall, a helicopter drop on the fleet, May Day Celebration, and the Sigmund Stern Grove programs.

The stock produced by the nurseries shows a definite improvement over the past few years, both in quality and in variety. This reflects the use of newer chemicals for weed and insect control, improved soil sterilizing and fertilizing programs, the propogation list of the superintendent, and, most important, a higher quality and more interested personnel who have gained much experience in the last three years.

Materials Delivered

Trees	3,721	Flowers, cut branches	7,738
Shrubs	23,878	Fertilizer	37.6 Ton
Annuals	290,069	Grass Seed	1,650 Lbs
Vines, Ferns, etc.	10,560	Tying Twine	170 "
Bulbs	24,550	Used Sacks	461

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1955-1956

DIVISION OF THE CONSERVATORY

Major Flower Exhibits

1800	Cyclamen	in 7" pots	Jan 1st - March 15th
700	Cineraria	in 8" pots	March 15th - April 30th
400	Easter lily	in 6" pots	Easter
600	Calceolaria Hybrida	in 7" pots	May 1st - May 30th
300	Schizanthus	in 7" pots	June 1st - July 1st
1500	Begonia Tuber Hybrida	in 8" pots	July 1st - Sept. 15th
1200	Chrysanthemum	in 8" pots	Sept. 15th - Dec. 1st
700	Poinsettia	in 6" pots	Dec. 1st - Jan. 1st

Minor Flower Exhibits

150	Gloxinia	in 7" pots
200	Amaryllis	in 6" pots
200	Coleus	in 8" pots

An average of 10 Kentia Palms 8" - 10" in tubs, are loaned out weekly for decorative purposes, for special events and civic affairs.

New Plants Received (Donations)

12	Philodendron Evansii (Seedlings)	from Evans and Reeves
1	Royal Poinciana	from Mr. H. K. Roberts
5	Anthurium Andraeanum (Red)	from Mr. B. Forman
1	Nepenthes Sedenii	from Mr. B. Forman
1	Polypodium Coronans	from Mr. G.A. McEldowney

Orchids Received (Donations)

1	L.C. Vandaletts (6" pot)	from Mr. B. Forman
1	L.C. Babetti (8" pot)	from Mrs. L. Sutter
1	L.C. Madeline McDonald (6" pot)	from Anonymous
1	C. Tellus	from Anonymous
1	L.C. Cantabile Alba (6" pot)	from the Collection
1	C. Mossiae X C. Gigas(6" pot)	of the late
1	C.Armainrilliense X C Labiata (5" pot)	Mrs. Sigmund Stern
1	C. Enid x C. Dowiana (5" pot)	
2	B.C. Wendover (On redwood slabs)	from Mr. F.W. Wellhausen
1	Epidendron Fragrans (On redwood slabs)	from Mr.F.W.Wellhausen

DIVISION OF THE CONSERVATORY (Continued)

Construction and Repairs

Repaired and replaced steps in Rose House
Repaired and replaced potting bench
Repaired and replaced gutter and posts - south side of Hibiscus House
Repaired and replaced rotted sash bars and sill in partition between Palm and Croton Houses
Repaired and replaced 60' of rotted bench in Palm and Croton Houses
Straightened out bulge in potting shed wall to allow for new construction.

Electric Repairs

Replaced wiring and light sockets in storage loft above potting shed
Installed new line from furnace room to garage for lights and outlet

Painting

Spray tank scaled and treated with rustproof paint.
Exterior of Main Building painted (By contract)

New Construction

Demolition of 2 old stovehouses and replacement with one new metal greenhouse 29' x 50'
New combined washroom, storage room and potting bench at east end of new greenhouse.
Rotted sills, posts and sash in croton and pond houses should be replaced
Rotted benches in rose, palm and croton houses should be replaced
Interior of Main Building should be painted
Exterior of #1 and 2 growing houses should be painted.

Attendance

Attendance was extremely good throughout the year, particularly during the Begonia, Chrysanthemum and Cyclamen exhibits.

Conducted tours were held for groups of grammar, high school and college students, and also various garden and business clubs throughout the Bay Area.

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1955-1956

DIVISION OF GROUNDS

Submitting to you a report upon the work activities of the division of Recreational Units, Small Parks, Squares, Library Grounds and Camp Mather.

In addition to the general maintenance of buildings and grounds, the following work was accomplished:

Trees planted	2,277	
Shrubs "	9,863	
Annuals "	94,069	- Floral display for Civic Center--Union Square
Miscellaneous types of plant material	4,414	- Sigmund Stern Grove and other miscellaneous units

Decorations and floral displays were provided for Union Square, where over 100 boxed Rhododendrons in flower were arranged. Also 4 large pine trees were placed in the square and decorated for the Christmas holidays.

Decorated tree was also furnished for Aquatic Park Building.

Sigmund Stern Grove required the decorating of large stage props and flower arrangements. Approximately 2600 bunches of flowers were supplied.

Extensive forestry work was accomplished throughout the division, necessary not only from heavy storm damage but also for the better development of trees, etc.

The usual preparations were made for the Easter Sunday program. This involved not only grounds cleanup, but extensive spraying for poison oak. I might also mention that the spraying procedure for poison oak was done on other units as well.

In addition to the extensive landscape rehabilitation the following was accomplished:

All baseball diamonds throughout the system were bladed and dragged and 7 new ball diamonds were constructed (Balboa, Hayward Boys', Eureka Valley).

Several baseball diamonds were completely rehabilitated. This type of work included the lifting of turf - regrading and also the addition of many thousands of square feet of turf and loam.

Sod used as follows:

Baseball diamonds	50,000	Sq.	ft.
Kezar Stadium	60,000	"	"
Balboa Slope	64,000	"	"
Potrero Hill Slope	40,000	"	"
Sigmund Stern Grove Concert Area	10,000	"	"
	224,000	"	" of sod handled

Kezar Stadium work involved the entire change of grade, which was necessary due to the uneveness of the ground.

Camp Mather - Work performed - involved general ground and building maintenance.

In detail - Ground work included forestry - cleanup - weed control on lake area - Grading and backfilling, as required - result of storm damage - and clearing of drainage control ditches.

Landscaping included the planting, pruning, spraying of trees - cultivating - ground preparation for sowing of grass seed, fertilizing of lawns in lake area and baseball field.

Many tons of sand were hauled and placed in sand boxes on the various playgrounds.

Very little tanbark was available for the apparatus areas. This particular item is badly needed throughout the system.

Many tons of river sand were placed on various baseball diamonds for dust settling purposes.

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1955 - 1956

DIVISION OF ROADS AND PATHS

During the past year a change has been made in the road maintenance of the Recreation and Park Department. State Gas Funds have assumed the responsibility of maintaining certain roadways which are considered as main arterials or thoroughfares. As a result about seven miles of Park roads were repaired with asphaltic concrete.

The secondary roads and the paths of the department were maintained by our crew of 16 laborers and 1 labor foreman. A great portion of their time was spent erecting snow fence and brush hedges along the ocean beach in order to stop the wind-blown sand from drifting across the Great Highway as it did in the past. The Strawberry Hill reservoir was cleaned as was the Fly Casting Pool. Our tractor was used for blading fire trails at McLaren Park and at Sharp Park with the result that no fires of importance were recorded for the year.

The use of liquid asphalt was tried very successfully as a dust palliative on our bridle trails and around Camp Mather.

A new miniature auto race track was constructed at Lake Merced and has become quite popular.

The regular chore of hauling brush and cutting grass was continued with our fleet of trucks and tractor mowers.

During the year several new pieces of equipment were given us as replacements for some of our worn out items.

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1955 - 1956

DIVISION OF LINCOLN PARK GOLF COURSE

1. Spiked greens twice during year for aeration and better drainage.

2. Treated greens for fungus with fungicide twice during year.

3. Spiked fairways and tees.

4. Resodded tees and aprons of greens.

5. Constructed four new sump drains in front of greens for drainage.

6. Removed several trees to allow more sun on greens.

7. Planted 75 new cypress trees throughout the Golf Course.

8. Improved walks for golfers and rebuilt same.

9. New road along 4th Fairway was constructed for Fire Department to aid them to reach Land's End.

10. Lincoln Park Drive was repaired by Street Repair.

11. Rebuilt and reshaped sand traps to speed up play. Put new sand in all traps.

12. Pruned trees and shrubs along El Camino Del Mar for better view of Scenic Spots.

13. Thousands of yards of fill hauled in by Contractors to maintain 3rd Fairway.

14. Had to resod several greens because of vandalism.

15. Topdressed all greens with compost and light loam.

16. Had to rebuild 3rd Tee because of sliding earth.

17. Fertilized 8th Tee and Fairway for Examiner Hole-in-One.

18. Planted new shrubs in section of hedge which was burned out at 33rd and Clement Streets.

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1955 - 1956

DIVISION OF HARDING PARK GOLF COURSE

TEES:

Enlarging No. 18 Tee - Removed 5 trees
Dirt Fill Required (1500 yds.)
18 Tee now consists of 3 tees - Long, Medium, Short

Remodeled and enlarged No. 4 Tee
7 trees removed. Dirt fill required (3000 yds.)

Remodeled and resoded No.1 and No. 10 Tees
Resoded Tees No. 2-4-5-6-7-8-13-14-15-16-17
Top-dressed all tees 3 times during 12-mo. period.

GREENS:

All greens aerated and top-dressed 5 times during 12-mo. period (26 greens in all)
Approaches and Aprons to all greens resoded and top-dressed.
All greens treated for (Brown Dollar Patch) whenever needed.

FAIRWAYS:

Fairways treated for weeds using (2-4-D).
Fairways top-dressed (using 28 tons, fertilizer).

SAND TRAPS:

All sand-traps (64) weeded and refilled with new sand.

PATHS & ROADS:

Cut back brush and cleaned paths leading to bridge at end of Sunset Boulevard.
Harding Road cleaned and border edged. (whenever needed)

TREES & SHRUBS:

Lower limbs of trees bordering and dividing fairways trimmed or removed.
Shrubs pruned, fertilized and spaded.

ROUGHS:

Roughs cut or burned (where needed)

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1955 - 1956

DIVISION OF SHARP PARK GOLF COURSE

(1) General Maintenance Throughout Year:

a) Watering during season
b) Changing tee markers daily
c) Raking traps three times a week - weeding as needed
d) Cutting greens two or three times weekly
e) Changing cups two or three times weekly
f) All janitor work in clubhouse and rifle range conv. stations (Work performed by a gardener)
g) Upkeep of rifle range

(2) Periodic Maintenance During Summer:

a) Fertilizing and top dressing tees and greens when needed.
b) Spiking greens two or three times yearly
c) Resodding worn out grass near tees and greens and traps
d) Making minor repairs to snap valves and sprinklers

(3) Periodic Maintenance During Winter:

a) Resodding bad areas on greens and tees
b) Building new tees
c) Raising and lowering existing greens
d) Planting trees and shrubs for wind breaks
e) Cleaning out all storm sewers and catch basins from highway across course to lake
f) Filling sand traps with new sand, plus our regular maintenance work

(4) Special Jobs Done During The Last Year:

a) The major work was cleaning up after last winter's storm damage, which caused the course to be half under water. Dozens of trees were knocked down, they were cut up and burned. Debris left on fairways, after the lake receded, was raked up and burned. Some greens and tees and many traps were damaged and had to be repaired. All storm lines were so bad that they had to be taken up section by section and cleaned. Over 1000 yards of Terra-cotta pipe alone was cleared in this way. (These operations took weeks and man hours)

b) Another major job was keeping the two pumps that pump out the lake in 24 hour operation. One pump is automatic the other pump manual. This pump had to be checked constantly. The channel from the end of the pumps pipe line had to be kept open at all times. Many times during the night the tide would close the channel and the pumps would pump the water back into the lake. The channel would have to be opened by the men with shovels if the tractor was not immediately available. This took many man hours.

(5) Improvements Made During the Year:

After the storm damage clean-up job had been finished, we completed the following jobs:

a) Build two new tees #3 and #7
b) Resand traps on 13 and 18 greens
c) Plant windbreaks on #7 and #17 fairways
d) Take out and replant old shrubbery in front and rear of clubhouse with Junipers etc.
e) Replace 75 stand pipe hydrants with snap valves
f) The bull-dozer built a new channel from the main lake to the smaller lake at the pumps to improve storm water flow,
g) The carpenters built new support piers under 10" pipe line on #3 fairway
h) The carpenters built two new bridges over the lake at #2 and #3 tees
i) Reseeded grass that had been damaged by storms on #1, #3, and #17 fairways
j) Dug holes to locate broken transite water line in canyon; plumbers did repair work. This 4" line broke 8 times last year.
k) Foot paths around clubhouse paved; parking area repaired.

The above is a general description of our work the past year. So much time was spent on storm damage that quite a large amount of our Spring improvement work on tees and greens especially, had to be postponed. We hope to take this work this winter if the weather is normal. Other general improvement around the clubhouse will also be planned.

ANNUAL REPORT

1955 - 1956

DIVISION OF STRUCTURAL AND MECHANICAL REPAIR

I CONSTRUCTION MAINTENANCE

During the fiscal year 1955-1956, 3,333 work requisitions were completed which represents a 10% increase over the 1954-1955 fiscal year and a 60% increase over the 1953-1954 fiscal year.

Over the same two year period, requests for service have increased 35%.

Fiscal Year	Requests For Service	Requisitions Completed
1953 - 1954	2,834	2,093
1954 - 1955	3,299	3,033
1955 - 1956	3,812	3,333

The above reflects a continuous build up of a work backlog over the past three years representing requests of personnel in other divisions but does not reflect the true picture of additional needed work required to keep the physical properties up to the desired standard.

These work requisitions represent a backlog of days of labor for the following classifications:

Fence repair man (iron worker)..... 276 days
Plumber..... 175 days
Carpenter..... 209 days
Electrician..... 46 days
Labor..... 576 days

Repair activities were spread over 124 units of the Recreation and Park Department properties, major work being done at the following locations:

(1) Conservatory, Golden Gate Park. In preparation for the contract painting, considerable repair to the structure was necessary to remove and replace rotten timber to strengthen the structure. Removal and replacement of plant benches in the interior was also accomplished.

(2) Yacht Harbor - Four header floats at Yacht Harbor were redesigned and reconstructed using sterofoam logs for buoyancy.

(3) Glen Park Recreation Center - Redecoration and repair to the interior of this building was accomplished. Roof repaired, and protected from climbers with barbwire guards. Broken glass removed from all steel sash of gymnasium and upper windows of auditorium and replaced with fibre-glass "Lascolite". Slides, swings and climbing tree were installed in children's play area.

(4) Mission Pool - General repairs to exterior of building, stucco replaced on south side, gutters and flashings repaired and replaced as required. Ventilation installed in chlorinator and filter room, roof structure repaired ready for roofing contract. Swings and slides installed in playground area. Fences repaired and rebuilt where necessary. Flood lighting repaired and relamped as required.

(5) Zoological Gardens - Rhino-Pit alterations made in readiness for new exhibit animal. Hospital, concession and railway roundhouse reroofed. Benches and rails painted throughout the grounds.

(6) Fleishhacker Pool - Bleachers, diving tower, lockers, convenience stations repaired and painted.

(7) Kezar Stadium - Set up for May Day show. Convenience Station repaired and painted for Football Season.

(8) Rolph Playground - Backstop repaired. Field house repaired and painted.

(9) Stern Grove - Set ups for Photo Show, Carnival and Music Festival. Repairs and painting to buildings, tables and benches.

(10) Recreation Center For Handicapped - Installation of room curtains, repairs and painting as required.

(11) Small Boat Ramp installed at Pier 54 - Mission Rock.

(12) Harding Golf - Repair and painting of club house interior and exterior, repair and replacement of gutters and downspouts as required. Install and remove equipment required for golf tournament.

(13) Camp Mather - Replacement of front and rear stairs to Lodge, installation of concrete slab in basement and interior painting as required. Replace and repair washed-out and damaged bridges and benches. Move and repair warehouse. Repair and painting to cabins as required.

(14) Carpenter Shop Work - Repair and construction of park benches, picnic tables, tool boxes, table tennis tables, chairs, carnival equipment and props.

(15) Excelsior Playground - Installation of new entrances destroyed beyond repair by vandalism and hard usage.

(16) Sharp Park Golf Club House - Complete repair and redecoration of interiors including restaurant facility scheduled to be leased to a concessionaire. Hot water lines replaced with copper tubing as galvanized pipes had given way and were beyond repair.

(17) Two cable cars obtained from Municipal Railway installed at Children's and H. F. Playfield.

(18) Potrero Hill, St. Mary's, Ocean View and Sunset Playgrounds - Considerable locksmith repair work required and performed. Glass breakage unnecessarily large, only partially replaced due to insufficient funds. Considerable carpentry repairs and painting required and done.

(19) Children's Quarters - New "Kiddy Kars" constructed and installed.

(20) Bowling Greens, Golden Gate Park - New curb boards and benches installed on one set of greens. One more set to repair for completion of this activity.

(21) Stanyan Street Card Shelter - This building re-roofed, repaired and painted, and tables and benches being done over.

(22) Buffalo Paddock, Golden Gate Park - New Feed Racks and Shelter built and repaired.

(23) Balboa Park Soccer and Ball Fields - Steel Bleachers moved and re-set up and painted in permanent location.

(24) Miniature Railway, Fleishhacker Playfield. Coaches repaired and painted.

(25) Christmas Trees and Displays. The annual shows were set up in Union Square, McLaren Lodge and Lindley Meadow in Golden Gate Park.

(26) The Miniature Auto Speed Track was installed at Lake Merced.

Distribution of Miscellaneous Repairs and Services

The distribution of miscellaneous repairs and services is reflected in the following list of properties upon which request work was done during the fiscal year:

Activated Sludge Plant	19	Dolores Street	2
Alamo	15	Douglass P/G	23
Alta Plaza	18	Drama Workshop	17
Aptos P/G	4	Duboce Square	26
Aquatic Park	46	Equipment	70
Argonne P/G	22	Eureka Valley P/G	9
Balboa Park	64	Excelsior P/G	29
Bay View P/G	7	Fleishhacker Playfield & Pool	138
Bernal P/G	20	Folsom P/G	24
Bernal Park	3	Franklin Square	11
Buena Vista	13	Fulton P/G	17
Cabrillo P/G	50	Funston P/G	69
Cabrillo Conv. Station	6	Garfield Square	14
Calif.Pal.Leg. Honor	4	Gilman P/G	5
Camp Mather	37	Glazing (Misc.)	37
Cayuga P/G	16	Glen Park P/G	73
Chalmers, A. P/G	21	Golden Gate Park	611
Chinese P/G	8	Grattan P/G	11
Chinese Rec. Ctr	24	Great Highway	33
Civic Center	11	Hamilton	59
Clement Tennis Cts	2	Harding Cafe & Golf Cs	56
Coit Tower & Teleg.Hill	12	Hayes Valley Rec. Ctr	12
Coolbrith, Ina Pk	3	Hayward, Mgt.S. P/G	21
Corona Heights	2	Holly Park	17
Cow Hollow P/G	10	Hunter's Pt	9
Crocker Amazon P/G	10	Huntington Square	8

Distribution of Miscellaneous Repairs and Services (Continued)

Jackson P/G	11
Jefferson Square	10
Kezar Stad. & Pavilion	106
Kahn, Julius P/G	27
Lafayette Square	18
Lake Merced	11
Larsen Park	13
Laurel Hill	14
Lee, Joseph Ctr	21
Levi Strauss P/G	15
Lincoln Pk. & Golf Cs	30
McCoppin Square	16
McKinley Square	6
McLaren Lodge	42
McLaren Park	26
Merced P/G	1
Merced Hts. P/G	18
Michelangelo P/G	7
Miraloma P/G	19
Mission Park	12
Mission P/G & Pool	41
Mount Davidson	13
Mt. Olympus	2
Mt. Lake Park	38
Murphy P/G	14
Noe Valley Tennis Cts	4
North Beach P/G	18
Ocean View P/G	38
Palace of Fine Arts	10
Park Presidio Drive	19
Parkside Square	13
Peixotto, Sidney P/G.	35
Personnel	2
Phelan, Jas. D. Beach	22
Photography Center	3
Pine Lake P/G	3
Point Lobos	1
Portola P/G	19
Portsmouth Square	7
Presidio Heights	7
Potrero Hill P/G	36
Randall, J. D. Jr. Museum	22
Richmond P/G & Richmond #2	17
Rochambeau P/G	27
Rolph, Jas. Jr. P/G	21
Rossi, Angelo J. P/G	32
St. Mary's P/G	57
St. Mary's Square	10
Serra, Junipero P/G	18
Sharp Park	64
Shops (Main Yard)	44
Silver Terrace P/G	26
Silver Tree Camp	11
South Park	2
South Sunset P/G	22
States Street P/G	3
Stern, Sigmund Grove	93
Sunnydale Center	9
Sunset Blvd	2
Sunset P/G	26
Sunset Hts. Park	3
Sutro Heights	6
Union Square	7
Upper Noe Valley	12
Valencia Gardens	1
Visitacion Valley P/G	11
Washington Square	18
West Portal P/G	18
West Sunset P/G	29
Wills, Helen P/G	11
Yacht Harbor & Gas Hs. Cove	26
Zoological, S.F. Gardens	69

Total..... 3,333

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DIVISION OF STRUCTURAL AND MECHANICAL REPAIR

II EQUIPMENT OPERATION AND MAINTENANCE

0172 CHIEF OPERATING ENGINEER'S REPORT

The staff of operating engineers are assigned as follows:

	Per Week	
Maintained Regular Watches	7 days	Hamilton Pool and Recreation Center
" " "	7 "	Aquatic Park and Playfield
" " "	7 "	H. F. Bathhouse
" " "	6 "	H. F. Zoo Area
" " "	5 "	H. F. Pool Pumphouse
" " "	5 "	North and South Mills, Golden Gate Park (2)
" " "	5 "	Recreation Centers
" " "	5 "	Water Works - Pump Station
During irrigation season, April 15 to October 15,	5 "	(Second Shift)Water Works - Pump Station
In season, June 1 to Oct. 1,	5 "	Camp Mather

Provided additional help at Camp Mather for Fall winterizing and Spring starting-up operation.

Camp Mather - Overhauled ice making machine. Installed new refrigeration space air cooling and ventilation system. Provided and installed (3) reconditioned or new motors in refrigeration systems. Repaired fire pump and rewired controls on fire pump and irrigation pumps. Put new bath houses and new sewage field in operation. Requisitioned and provided supplies and repair parts for equipment as needed.

Aquatic Park - Removed spare 500 gallon hot water tank complete with fixtures for installation at H. F. Bathhouse. Renewed boiler brick work in both boilers. Made repairs to sewage sump pump controls. Made repairs to buildings and equipment and maintained schedule of operation for heating and ventilation of buildings and supplying hot water seven days per week.

Sharp Park and Mori Point - Had 10 H.P. pump motor rewired, reinstalled same and overhauled controls of both Mori Point pumps. Maintained a schedule of inspection and maintenance of equipment. Steam boiler retubed and new hot water copper lines complete with hot water reserve tank installed.

Balboa Park Field House and Sprinkler System - New field house put into operation. Worked with Mr. Wright, Mechanical Engineer, and contractors in putting equipment into operation and complying with contracts. Made repairs as needed and made scheduled inspection and maintenance visits. Checked out sprinkler system controls as required and serviced equipment.

Balboa Nursery - Maintained schedule of inspection, maintenance and repairs. Reconditioned and put into service a refrigeration box for flower bulbs. Box obtained from Zoo Area.

Mission Pool - Removed obsolete ammonia machine to Sludge Plant for storage. Installed reconditioned motor and coupling on recirculating pump. Made electrical and mechanical repairs to equipment as needed. Ventilation system installed to filter and chlorinator equipment room.

Funston - Maintained scheduled inspection visits and repaired and serviced equipment as needed. Hot water tank beyond repair - put same out of service.

Phelan Beach - Sump pumps' discharge lines and checks repaired. Made scheduled inspection visits, servicing and repairing equipment as needed. Some vandalism and molestation of equipment has occurred at this installation requiring extra service calls and repairs.

H. F. Zoo Area - Pulled and overhauled #4 sewage pump, reinstalled same. Repaired and operated sewage plant mechanical bar rack. Overhauled and painted heating units and ducts of Zoo buildings. Shop #1 overhauled steam locomotive, and made repairs to merry-go-round and ferris wheel. Repaired refrigeration units and walk-in boxes at Zoo Service Yard and concession buildings. Operated sewage plant and made inspection trips and maintained Zoo Area equipment.

H. F. Bathhouse - Considerable mechanical rehabilitation has been done on this building. Installed 500 gallon hot water tank for increased capacity for showers. Overhauled spare refrigeration equipment. Overhauled sewage pumps and controls of same. Operated laundry, sterilized soil as required. Provided heat for building and hot water for bathers. Made repairs to building equipment as needed.

H. F. Pumphouse - Pool water heaters repaired, new blue stone mixing tank installed. New pool water recirculating pump installed. Cleaned reservoir. New scupper drain lines from pool installed. New impellor installed in salt water pump. New suction outfall line extended from original line. New sand pump line with blowout connection to booster pump installed. Suction screen on recirculating pump installed. Duct outlets to pool from recirculating pump repaired.

North and South Training Quarters - Buildings rehabilitated. Equipment repaired, modernized, painted and placed in service. Schedule of inspection, repair and servicing carried out.

South Mill - New sand separator installed between well pump and booster pump. Worked with contractors in getting bugs out of system. Overhauled water drainage ejector. Removed booster pump impellor to shop #1 for overhaul, and reinstalled same. Renewed pump ball bearings. Cleaned and painted pumps and equipment.

Children's Playground and Sharon Building - Overhauled and renewed parts of refrigeration systems. Cleaned up and serviced equipment of merry-go-round. Children's Kiddie Kar ride put in operation. Made steam boiler repairs. Made scheduled inspection, maintenance and repair visits.

Conservatory - Put new section of heating system into operation. Made various changes and repairs to heating controls. Overhauled insecticide machine. Made scheduled inspection, repair and servicing of equipment visits.

Golden Gate Park Nursery - Overhauled heating controls and renewed various parts. Overhauled circulating pump, pump motor and motor controls. Made scheduled service visits.

Little Rec Sump Pumps - Pulled east pump - shop #1 made up parts, reassembled same and put pump in operation. Cleaned out sand and debris from sump. Made scheduled inspection and service visits.

McLaren Lodge and Administration Building - Renewed motorized valves controlling radiant heating of first and second floor of administration building. Overhauled leaky boiler mountings on boilers of both buildings. Overhauled recirculating pump of McLaren Lodge. Made scheduled inspection and maintenance visits to equipment in both buildings.

North Mill - Drained and cleaned reservoir. Worked with contractors in removing old east well pump and installing new well pump. Installed new Cla-Val 300# relief valve on booster pump. Installed new transformer on control circuits. Renewed pea gravel around pumps as needed. Cleaned and painted equipment. Made repairs and renewed parts as needed to keep Pitch and Putt and Lincoln Park sprinkler systems in operation.

Cabrillo Comfort Station - Service leads on electric pole to P. G. & E. lines renewed. Made scheduled repair and service visits. Ventilating system needs overhauling.

Water Works - Overhauled control and electrode systems. Drained and cleaned reservoir. Cleaned and painted pumps, motors and equipment. Pulled #2 well pump because of break in casing. The #2 well pump will be replaced with new pump after casing is repaired. The #3 well pump casing needs to be perforated to allow more water to reach the pump.

St. Mary's Recreation Center - Cleaned hot water tank. Cla-Val reducing valve placed in supply water line to reduce water pressure. New safety appliances placed on boiler controls. Made scheduled inspection, service and repair of equipment visits.

Joseph Lee Recreation Center - Boiler outlet sections on both boilers cut out and renewed. Boiler lagging replaced and painted. Safety valves sent to shop #1 for repair and reinstalled. Made inspection, repair and service as needed and scheduled.

New Installations - Laurel Heights, Hayward, Eureka Valley, Junipero Serra and Miraloma recreation centers, also Hamilton Recreation Center

and Pool were put into operation. Each new installation that opens entails considerable extra work before it is operating satisfactorily. West Sunset, upper and lower sections, and Balboa Club House were also put into operation this year.

Hamilton Pool and Recreation Center - Hamilton Pool being the first of a number of similar pools to be constructed and operated by this department has served as a pilot plant for the training of our personnel in the correct operating procedures to be used in this and future pool installations. Because of the quantities of chemicals used in the pool water treatment, a method of purchasing chemicals in large lots should be devised. This would keep costs down and have chemicals available as needed. What controversy that existed concerning the personnel duties and requirements at the pools has been and can be satisfactorily adjusted by reason and good will of the persons concerned.

Harding Park and Lincoln Park Club Houses - There has been considerable rehabilitation of these club houses and their equipment. New copper hot water piping has been installed. The boilers are old but with care and the replacement when possible of late model parts, we hope to gradually modernize these installations.

Stern Grove - A new building heating plant has been installed. We have done considerable work on the sewage pumps, irrigation pump and controls of same and expect to do more rehabilitation of this equipment as time and money permits. Scheduled inspection and servicing of this equipment.

Sunset, St. Mary's Joseph Lee, Chinese Recreation Center, Junior Museum, Portola, Glen Park and Ocean View Recreation Centers - These large centers are taken care of by scheduled inspection and servicing visits. We have decreased the number of emergency calls to these installations. A new air filter arrangement was installed in the air supply ducts at Glen Park.

Aptos, Argonne, Cabrillo, Cayuga, Chalmers, Chinese, Coit Tower, Cow Hollow, Excelsior, Folsom, Fulton, Grattan, Hayes Valley, Levi Strauss, Merced Heights, Murphy, Peixotto, Presidio Heights, Richmond, Rochambeau, Silver Terrace, South Sunset, Visitacion Valley, West Portal, Helen Wills, Palace of Fine Arts, Junipero Serra, Miraloma and Laurel Heights - These are the smaller recreation centers which require less attention. We have a scheduled program of inspection, repair and servicing of these installations. Our emergency calls to these installations have been decreased.

Water Pumped At The Various Installations:

North Mill - Through the use of two well pumps, a reservoir and booster pump, North Mill supplies irrigation water, 300 lbs. pressure, to Lincoln Park Golf Course - 2,808,000 gallons per week.

South Mill - Through one well pump and one booster pump irrigation water at 190 lbs. pressure to west end of Golden Gate Park and Great Highway - 2,784,000 gallons per week.

Merced Pump and Harding Booster Pump - Supplies irrigation water to Harding Park Golf Course - 9,900,000 gallons per week.

Water Works - Through use of five well pumps and two booster pumps irrigation water is supplied throughout the central and eastern part of Golden Gate Park - 5,000,000 gallons per week.

H. F. Pumphouse - Two well pumps, a reservoir and one booster pump supplies irrigation water to the Zoo Area, and a section of Great Highway - 3,960,000 gallons per week.

H. F. Pool Salt Water Pump - Supplies salt water at 5,000 gallons per minute rate to fill H. F. Pool six times per year and skim pool three times weekly.

Suggested improvements in present and future installations:

Randall Jr. Museum - Conversion of boilers to use gas instead of fuel oil. Draft conditions because of prevailing winds, type of installation and other factors cause poor and dangerous boiler operation requiring unreasonable amount of maintenance work because of emergency calls and time spent in cleaning dirty, sooty boilers and draft uptake ducts.

The boiler room floor drainage is bad because of springs and rain run off. Either an additional sump and pump should be installed in southeast corner of boiler room or cemented to pitch towards present drain pump.

Boilers
North and South Training Quarters - Conversion of boilers to use gas instead of fuel oil. Because of length of service, the present oil firing equipment is about worn out. Dirty, dangerous boiler operation requires too much time for maintenance.

Present domestic hot water is boiler water. Should have separate domestic hot water tanks.

Fleishhacker Pool - The obsolete and inadequate chlorinator for this pool's heating plant should be replaced.

Future Installations - In future, installations, if advisable, should use hot water boilers instead of steam boilers to cut down on maintenance costs and maintenance problems.

The department's policy of fero-lining water tanks should be carried on until all water tanks are so lined.

Recommendation - The steam locomotive at H. F. Zoo should be taken to Shop #1 some time during the winter and the complete overhauling which was started last winter should be completed. In just a few years this steam locomotive will be one of the very few steam locomotives still in operation and is of extreme interest to the youngsters.

Our arrangement with Shop #1 for machine shop repairs has proved very satisfactory both in costs and expediting repairs. Mr. Petan is to be commended.

Additional Personnel Requirements

1-0.168.1 Operating Engineer required, with an additional service truck.

With the addition of Recreation Centers, i.e. Laurel Hill, Miraloma, Junipero Serra, Hayward, Eureka Valley and Hamilton Recreation Center and Pool also the additional Recreation Centers under construction i.e. Noe Valley, Recreational Arts and North Beach Recreation Center and Pool, our inspection, preventive maintenance and equipment repairs have become most inadequate.

This condition is aggravated during the summer months by lack of relief engineers, coverage for military leaves, second shift at the water works and sick leave.

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DIVISION OF STRUCTURAL AND MECHANICAL REPAIR

III ACTIVATED SLUDGE PLANT

The Activated Sludge Plant operated a total of 47 weeks during the fiscal year. Five weeks were required for the annual repair period. The shutdown commenced during the first week in December, at which time all of the tanks were dewatered and cleaned, mechanical equipment was inspected, cleaned, serviced, and repaired where necessary.

During the season, the Bureau of Light, Heat and Power checked all motors and starting equipment. Adjustments or repairs were made when so indicated.

The Plant "literature" was brought up-to-date and rewritten.

Investigations were made on low pressure reports in the irrigation system. In all cases the situation was corrected by proper valving.

The Plant personnel operates Huntington and Rainbow Falls on Sundays and holidays, and also act as a "central clearing agency" for emergency calls which may come in on weekends, holidays or nights.

The Activated Sludge Plant produced 231.842 million gallons of water during the past year. 161.204 million gallons were pumped to the irrigation system while 70.638 million gallons were allowed to flow by gravity to Metson, Mallard, South, Middle, and North Lakes.

The following is a summary of the work accomplished during the fiscal year 1955-1956:

20th Avenue Grit Tank (Sand Trap)

This tank was cleaned a total of 35 times at a rate of once per week during the rainy season and every two weeks during the dry season. The sand removed amounted to 7,280 cubic feet.

During the shutdown period the pump and motor was inspected and serviced, an additional set of water jets were installed in the pump sump, the jets in the collecting channels were adjusted, and all gravel was removed from the pump sump and valve box.

Sedimentation Units

Bearings were replaced in both the drive motor and #6 blower during the operating season. A temporary blower and motor unit was put into service while repairs were under way.

Sedimentation Units (Continued)

The wood and sheet metal R.A.S. Return Flume was replaced by 8" C.I. pipe.

During the repair season all units were inspected, flight bolts replaced (where necessary), the chains in the final tank were tightened, the upper surface of the final tank was acid washed and scraped to remove old paint. The hand rails and deck valaves were painted, and the gallery drain valves were inspected. The main drive shaft, motor, speed reducer and blower were also painted.

Aeration Units

All mechanical units were inspected and serviced. Oil sight glasses were installed on Blowers #1, 2, 3, 4, and 6, and a set of 5 matched belts were installed on #5 Blower.

Shop #1 installed new bearings in #2 blower.

#1 blower motor was disassembled, cleaned, baked, and "glyptaled".

Inspection of the Aeration Tanks revealed that the transverse redwood wall between #7 and 8 boys (South Aeration Tank) was starting to collapse. The wall was realigned and cleated in place.

67 new diffuser tubes were installed, and a good percentage of the old ones are being salvaged.

Chlorination Units

The chlorinators are always kept in an excellent state of repair. They are rotated, cleaned and inspected weekly.

#1 Chlorinator pump was overhauled and a new holding coil was installed in its starter.

During the shutdown, the contact tank was scraped and acid washed to remove old paint and a new hose hanger was installed. The housing over the chlorine tanks was painted.

During the early part of the year, we developed a chlorine leak due to a defective chlorine tank. The Dow Chemical Company at Pittsburg, California was notified and they rushed down an emergency crew. The leak was located and the situation was corrected.

Elk Glen Lake Pumps

The Elk Lake pumps operated for 1,791.16 hours and pumped 161.204 million gallons of water into the irrigation system. A small fraction of this amount was used to operate Huntington Falls on Sundays and holidays.

#2 Pump was disassembled, cleaned, inspected, reassembled and painted.

Both pumps were serviced.

Lloyd Lake Pump (Rainbow Falls)

This unit is operated only to activate Rainbow Falls. It operated approximately 5 hours on Sundays and holidays during the season.

The annual inspection revealed that everything was in good condition. The unit was serviced and painted.

The return ditch gave us a great deal of trouble due to blockages. This matter was referred to Mr. Jim Black and his crew, who rectified the situation.

Laboratory

In addition to the control tests necessary for the operation of the Activated Sludge Plant, routine analyses were conducted on Boiler water and Swimming Pool water samples.

Working in close co-operation with the Chief Operating Engineer, Mr. Frank Larson, a Boiler Water Treatment program has been developed. The treatment employs commercial chemicals, thus eliminating the patented "Boiler Compounds", and their high cost.

An investigation was made into modern methods of Swimming Pool operation. These methods are currently in practice at Hamilton Pool. Routine water analyses are made to assure proper operation.

Another investigation is still under way which deals with finding a better method of controlling the algae in Fleishhacker Pool.

The Soil analysis program is being continued.

RECOMMENDATIONS:

It is recommended that:

1. Money be made available in the 1957-1958 budget to provide for a complete set of chains and sprockets for the Final Sedimentation Tank.

2. The Laboratory space be increased and space provided for men's locker and shower room.

3. Additional discharge piping and electrical service be made available at the Elk Lake Pump house, which will allow both pumps to be operated independently of one another.

IV INTERDEPARTMENTAL WORK ORDERS

During the fiscal year 1955-1956 the Department of Public Works completed $8,241.22 in work orders - about evenly divided between locksmithing and glazing. In the previous fiscal year, 1954-1955, $6,987.00 was expended. This reflects an 18% increase in cost of work actually done. Considerable necessary glazing was left undone through lack of funds.

The Fire Department Shop #1 through work orders charged to the General Division repaired valves, pumps, and miscellaneous items for a total of $865.30. Repairs to the Merry-Go-Round, Ferris Wheel and Miniature Railway totalled $1,666.12. This method of procedure for miscellaneous machine shop work has been very satisfactory to the department.

The Municipal Railway realigned and installed additional ballast to the Miniature Railway at Fleishhacker Playfield.

V CONTRACTUAL SERVICES

New electrical controls were installed at the San Andreas Pumps for protection of these heavy pump motors which had been repeatedly failing through single phasing and power failures.

A new turbine well pump was installed on the east wall at the North Mill pumping station in Golden Gate Park to replace an old, completely worn out installation.

Major breakdown and failures in the mechanical installations requiring large sums of money have materially decreased, which fact can be attributed to the preventive maintenance program which is carried on by the Chief Operating Engineer and his staff and the checking of electrical equipment and recommendations of the electrical engineering staff of B. A. Devine, Manager, Bureau of Light, Heat and Power.

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VI REPAIR, RECONSTRUCTION AND CAPITAL EXPENDITURES

Aquatic Park Building

The top deck of the Aquatic Park building was covered with a weather-wear surfacing to solve the roof leaks which had developed and increased. The second floor deck is yet to be done.

Excelsior Playground Field House

The Excelsior Field House was re-roofed and a new heating system installed to replace the old, inadequate, and dangerous gas radiators.

Fleishhacker Pool

The salt water heating boilers at the Fleishhacker Pool were repaired, a new circulating pump and copper sulphate tank were installed.

The Salt Water Intake was extended 150 feet out into the ocean and extensive repairs completed to the salt water pump installation. The results have been cleaner water, kept at a more desirable temperature.

The north convenience station was completely rehabilitated and modernized.

Conservatory, Golden Gate Park

The exterior of the Conservatory Building was thoroughly repaired and painted. A new growing house and potting shed was constructed to replace the old "stove house".

Boiler Safety Controls

Safety controls were installed on six large boiler installations as protection against explosions and failures.

Tennis Court Resurfacing

The tennis courts at Golden Gate Park, Sunset Heights and Clement Playgrounds were resurfaced.

Fencing

Chain link fences at Chinese, Funston and Excelsior Playgrounds were extended in height for protection of adjoining property holders.

Card Shelter - Golden Gate Park

The card shelter at Haight and Stanyan Streets was reroofed, repaired and painted.

S. F. Zoological Gardens

The steel sash of the Aviary was all replaced with heavy galvanized sash and new rough wire plate glass installed.

The Bar Screen at the sewage pumping station was repaired and placed in operation.

The broken skylights of the Lion House were reglazed.

New Paddocks were provided for the "hoofed" animals.

A new Parking Lot was provided at the northeast corner of the Zoo.

Children's Quarters

The Merry-go-round at the Children's Quarters was set up for complete repair, rehabilitation and redecorating. A new organ is needed to replace the instrument no longer in operation.

Re-roofing

The shops in the maintenance yard and at Harding Park were reroofed.

Kezar Stadium

Gates 12, 13 and 21 were rebuilt. A removable fence was installed at the east end of the stadium and a new 6" water supply main installed at the press stand.

The Press Stand was completely enlarged and rebuilt to provide greater accommodations for the working press, TV and the moving picture industry.

The replacement of the floodlight Thermal Breaker Panels was completed.

Harding Park Golf Club House

The hot water pipes at Harding Park Club House were replaced, the boiler converted to gas firing, and heating system repiped. This places this building back into serviceable condition.

Golden Gate Park

Drainage was provided for Alvord Lake to complete the work in the east section of the park.

Installation of the Sand Separator at the Murphy Mill Pump Station has solved the problem of excessive wear to the booster pump equipment.

Noe Valley Tennis Courts

A small children's playground area was installed at the Noe Valley Tennis Courts.

Balboa Soccer Field - Temporary Steel Bleachers were purchased and installed on the west side of the Balboa Soccer Field.

# # #

DIVISION OF ENGINEERING

The Engineering Division is responsible for design, construction and improvements of all playgrounds and parks in the City and County of San Francisco, including Sharps Park in San Mateo County and Camp Mather in Tuolumne County. This work, including the survey, studies, final design, specifications, estimates, preparation of all forms and bid data necessary to let the contract, the supervision and the inspection of all construction, is carried out by the regular office personnel.

On very large projects involving buildings, such as fieldhouses, gymnasiums and swimming pools, etc., independent architectural or engineering firms are usually commissioned to prepare the design, working drawings and specifications which, however, is done under the direction of the Engineering Division. The Engineering Division supplies the independent agency with a survey and, when necessary, preliminary studies and arranges conferences with the various parties involved on the project. These drawings, specifications and estimates are submitted to the Engineering Division for reviewing and checking. The necessary corrections are then made and steps are taken to bring the job to completion.

During the past fiscal year budget job contracts in the amount of $180,000.00 were completed, approximately $130,000.00 in new contracts were started, making a total of $310,000.00 in budget jobs carried out by the office personnel. All the work from the survey, design, specification, through to final inspection was carried out by the office personnel.

At the end of the fiscal year the department had completed approximately $1,200,000.00 in jobs of the 1947 Bond Program. Six projects of the 1947 Bond Project, in the neighborhood of , , $1,900,000.00 were started, making a total of approximately $3,100,000.00 in Bond Fund jobs. This brings to completion all but six of the 1947 Bond Program, five of which will be under contract this coming fiscal year and one will be postponed pending land acquisition.

Three projects of the new 1955 Bond Program were ready to go to contract. Within the next few months several more projects will commence construction and this work will continue for several years.

This large increase in the number of projects under construction will necessitate an increase in present personnel to adequately and efficiently handle the greater volume of work.

The staff of the department, together with the Department of City Planning, formed the Small Boat Harbor Technical Committee to make a survey of Small Boat Harbors, with particular emphasis on San Francisco and the Bay Area in general, which will serve as a prospectus for expansion of the present harbor and the location of new harbors.

Another survey was made with the staff of the two departments to determine the need and location of various parks and playgrounds for the development of a Master Plan of Recreation and Park facilities in San Francisco.

Members of this division were also called upon to aid other city agencies in an advisory capacity.

The accompanying schedule indicates the projects completed in 1955-56 and those under construction.

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DIVISION OF ENGINEERING

BUDGET ITEMS

JOBS COMPLETED

FUNSTON PLAYGROUND	
Tower Safety Installation	$ 6,143.00
FLEISHHACKER POOL	
Intake Line	45,787.37
GOLDEN GATE PARK	
Conservatory Green House	15,162.00
Conservatory Storage Shed	2,996.00
KEZAR STADIUM	
Painting of Seats	12,390.00
Press Box	92,747.00
SUTRO HEIGHTS	
Irrigation System	13,271.00
TOTAL	$186,498.37

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DIVISION OF ENGINEERING

BUDGET ITEMS

PROJECTS UNDER CONSTRUCTION

Aquatic Park Building Roof		$ 5,267.00
Excelsior Playground - Repairs Heating System		975.00
Fleishhacker Pool - Heating Plant Repairs		1,191.00
Conservatory - Golden Gate Park - Repair & Repaint Exterior		8,938.00
Various Playgrounds - Boiler Safety Controls		1,360.00
Funston Playground - Repairs Floodlighting		4,787.00
Resurfacing Tennis Courts - Golden Gate Park, Sunset Heights, Clement Playgrounds		5,512.00
Protective Fencing		
Chinese Playground	$ 887.00	
Folsom Playground	2,798.00	3,685.00
Fleishhacker Playfield - Convenience Station - Rehabilitation		5,894.00
Card Shelter - Golden Gate Park - Repairs to Roof and Shelter		3,121.00
Roof Reconstruction:		
Main Yard	$2,012.00	
Excelsior	730.00	
Harding Park Tool Shed	255.00	2,997.00
S.F. Zoo - Aviary Repairs		6,041.00
Children's Quarters Merry Go-Round Repairs		6,451.00
Kezar Stadium		
Replace Gates 12 and 21		2,355.00
Replace 6 Thermal Breaker Panels		1,478.50
Removable Fence		1,753.00
Water Main		675.35
Harding Park - Replacement Steam and Hot Water System - Clubhouse		1,863.00
Yacht Harbor - Dredging Sand - Entrance		30,147.00
Lincoln Park - Pumping New Turbine Pump		2,600.00
San Francisco Zoological Gardens - New Animal Paddocks		19,926.00
Alvord Lake - Drainage Corrections		2,760.00
Murphy Dutch Windmill - Sand Separator		6,543.00
Noe Valley Tennis Courts - Playground		4,412.86
		$130,732.71

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DIVISION OF ENGINEERING

1947 BOND FUND

BOND PROJECTS COMPLETED

Hamilton Center and Pool	$ 543,169.00
Margaret S. Hayward Improvements	283,973.00
Balboa Stable Conversion	115,920.00
Corona Heights Fences	6,776.00
Camp Mather	
Construction Sewer Field	11,770.00
Bath House	58,500.00
Laurel Hill Playground	165,327.00
Sigmund Stern Grove - Improvements	9,321.00
Joseph Lee Playground - Improvements	16,399.00
	$1,211,205.00

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DIVISION OF ENGINEERING

1947 BOND FUND

PROJECTS STARTED AND UNDER CONSTRUCTION

Eureka Valley	$ 367,500.00
Upper Noe	429,000.00
North Beach	250,589.00
Central Activities	395,213.00
Phelan Beach	15,587.00
Garfield Recreation Center	425,000.00
	$1,882,889.00

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1955 - 1956

DIVISION OF BUSINESS AND ADMINISTRATION

The comparison of original budget appropriations with expenditures and of estimated revenues with realized revenues requested by the Mayor will be found appended at the end of this report, It will be noted that with the exception of the Commissary Division the original appropriations for Materials & Supplies and Contractual Services were insufficient to provide for the normal operations of the department for the year. This has occurred regularly for the past several years and is brought about as a result of the expansion of the department's facilities and program resulting from constructions financed out of the 1947 Recreation Bond Fund coupled with a general upward tendency in the cost of goods and services. Unless substantial increases are provided in future appropriations in these two categories, we will continue to experience deficiencies as long as the two positive factors are operative.

A brief report of the activities of the various units under my supervision follows.

Kezar Stadium and Pavilion

Kezar Stadium was the scene of 39 football games which attracted a paid attendance in excess of 491,000 from which the department derived a rental of $106,543. In addition to the football games, there were 64 track and field meets held in the stadium in which the participants were principally from local public and parochial schools; no rental charge is made for this use. The stadium was also the scene of the annual May Day Festival sponsored by this department which was participated in by 500 children and viewed by over 12,000 spectators. The annual School Traffic Revue had over 2,500 participants and several thousand spectators.

Kezar Pavilion was the scene of 186 basketball games. Admission was charged for 57 of these games, and the total paid attendance exceeded 62,000. In addition to the basketball games, the pavilion was used by the San Francisco Examiner Basketball School, for the Table Tennis Tournament sponsored by this department, a ski safety school program, and 7 folk dancing programs which were held on Sundays. The pavilion was also used by the University of San Francisco basketball team for practice sessions each weekday afternoon, between October 1-March 1, when the team was in the city.

Revenues derived from the operation of Kezar Stadium and Pavilion totaled $113,409, while operating expenses amounted to $66,739. In addition to the revenues derived directly from rentals, the department received $35,508 in commissions from the refreshment concessions in these two locations.

Golf Courses

The volume of play on each of the 4 golf courses increased over the previous year, and in each instance reached an all-time high. The revenue derived from each course and the expense of its operation were as follows:

	Revenue	Expense
Harding Park	$141,651	$117,935
Lincoln Park	85,841	94,190
Sharp Park	79,909	82,761
Golden Gate Park	50,541	37,336
Total	- 357,942	332,222

Golden Gate Park Stadium

This stadium was the scene of 39 polo games attended by approximately 12,000 people, 15 junior high school football games, 12 junior high school track meets, 10 high school track meets, and 5 bicycle races.

Balboa Stadium

This was the first full year of operation of this stadium. During the year there were 117 soccer games played of which 37 were between high school teams and the remainder between adult club teams. There were also 26 Gaelic football games played in this stadium.

Coit Tower

This unit was visited by approximately 250,000 people, of whom more than 82,000 used the elevator for which a fee is charged. Revenue derived from the operation totalled $23,110, while the expense of operation was $19,947.

Yacht Harbor

The harbor provided berthing for 215 boats. Rental rates were increased by an average of 50%, effective February 1, 1956; this will increase annual revenues to approximately $30,000. Revenues for the fiscal year were $25,199, while operating expenses, exclusive of dredging, were $19,897. The entrance to the harbor and a portion of the fairway were dredged in May and June at a cost of $30,000.

Fleishhacker Playfield

The popularity of this unit has continued to increase with each succeeding year. The miniature train and the merry-go-round each

accommodated more than 400,000 passengers during the year. Total revenue from rides and refreshment vending was $226,446, with cost of merchandise and operating expenses amounting to $169,683. In addition to the rides, for which a nominal charge is made, there is extensive free play apparatus and picnic tables which were used by hundreds of thousands of people during the year. There is no way of recording the attendance at those facilities but it seems certain that if attendance were computed in the same manner as on our playgrounds the annual total would be at least 3 million.

Children's Quarters (Golden Gate Park)

Patronage at this unit has continued to decline at a very slow rate for the past 10 years. Funds for the purchase of a miniature train to be installed at this unit were included in the department supplemental budget but were disallowed. It will be necessary to provide an attraction of this sort if the downward trend in patronage is to be reversed.

Camp Mather

Construction of two new bathhouses in the Spring of 1956 brought to virtual completion the rehabilitation and expansion of Camp Mather carried out as a part of the 1947 Recreation Bond Fund Program. The camp operated at full capacity with the total number of guests in attendance averaging about 385 daily. Total camper days this year were in excess of 25,000, of whom 47% were children. A total of 87,700 meals were served, of which 76,200 were for guests and the remainder were personnel and transients. The cost per meal was 60¢, which includes salaries as well as food. The total revenue was in excess of $105,000, while total operating expenses amounted to $95,000.

Golf Starting Time Reservations

In October 1955, a new method of handling the reservation of golf starting times was inaugurated. This system provides for the reservation of three-fourths of all starting times on Saturdays, Sundays, and holidays at the three 18-hole golf courses by means of telephoning to a golf reservation desk in McLaren Lodge. Several changes and extensions of this system took place during the year which eventually resulted in the use of four telephones for this purpose. An average of 145 reservations are taken for each day on which they are available. By the end of the fiscal year, the total number of individuals who had used this service was in excess of 2,000 and new users were being added at the rate of about 40 each week. There is every indication that this new service has been very favorably received by the golfing public and has also served to increase the volume of play at our Sharp Park and Lincoln Park courses. As the year closed, careful study was being given to the possibility of extending the reservation service to include weekdays as well as week ends.

COMPARISON OF EXPENDITURES FOR ALL APPROPRIATIONS
OTHER THAN THOSE FOR PERSONAL SERVICES, WITH ORIGINAL
BUDGET APPROPRIATIONS FOR 1955-1956

GENERAL DIVISION	ORIGINAL BUDGET APPROPRIATION	EXPENDITURES	DIFFERENCE
Contractual Services	25 325	27 800	2 475
Services Reproduction Bureau	2 000	2 666	666
Telephone & Telegraph	13 700	15 390	1 690
Scavenger Service	6 000	5 917	- 83
Window Washing Service	1 182	1 113	- 69
Pest Control	-	150	150
Use of Employees' Cars	5 000	6 384	1 384
Mtce. & Repair - Bldgs.	31 629	25 972	- 5 657
Mtce. & Repair - Structures	8 000	10 299	2 299
Mtce. & Repair - Auto Equip.	36 278	44 278	8 000
Heat, Light and Power	75 000	83 540	8 540
Engineering Services - Aquatic Park Pier	450	450	-
Music Concerts	32 770	31 347	- 1 423
Materials & Supplies	132 610	145 408	12 798
Fuel & Lubricants	27 000	24 962	- 2 038
Drygoods & Wearing Apparel	5 000	5 021	21
Stationery Withdrawals from Stores	1 700	1 990	290
Materials & Supplies - Resale	300	44	- 256
Foodstuffs	1 728	1 135	- 593
Canned Goods & Dried Fruit	300	779	479
Soil & Fertilizer	10 000	9 156	- 844
Forage & Food for Animals	1 240	1 242	2
Equipment	43 619	46 758	3 139
Accident Compensation	23 000	22 991	- 9
Judgments, Awards, etc.	1 000	5 972	4 972
Premium on Official Bonds	244	244	-
Miscellaneous Insurance	6 400	5 901	- 499

GENERAL DIVISION (Cont'd.)	ORIGINAL BUDGET APPROPRIATION	EXPENDITURES	DIFFERENCE
Membership Dues	499	474	- 25
Taxes	950	1 005	55
Rentals	23 581	12 815	- 10 766
Replacements & Reconstruction	10 950	15 697	4 747
Total - General Division	527 455	556 900	29 445

SAN FRANCISCO ZOO	ORIGINAL BUDGET APPROPRIATION	EXPENDITURES	DIFFERENCE
Contractual Services	1 010	988	- 22
Use of Employees' Cars	300	300	
Mtce. & Repair - Bldgs.	150	84	- 66
Mtce. & Repair - Structures	3 784	6 041	2 257
Heat, Light and Power	6 200	7 872	1 672
Materials & Supplies	1 711	2 122	411
Fuel & Lubricants	10		- 10
Forage & Food for Animals	53 000	62 737	9 737
Equipment	375	299	- 76
Total - Zoo Division	66 540	80 443	13 903
COMMISSARY			
Contractual Services	9 660	8 639	- 1 021
Mtce. & Repair - Bldgs.	50	-	- 50
Mtce. & Repair - Structures	6 500	6 451	- 49
Heat, Light & Power	5 100	4 162	- 938
Materials & Supplies	8 294	8 086	- 208
Fuel & Lubricants	800	828	28
Materials & Supplies - Resale	2 350	1 286	- 1 064
Foodstuffs	138 200	120 199	-18 001
Canned Goods & Dried Fruits	1 800	1 246	- 554
Forage & Food for Animals	450	961	511
Equipment	600	464	- 136
Fixed Charges	175	179	4
Sales Tax	2 500	2 819	319
Total - Commissary Division	176 479	155 320	-21 159

RECREATIONAL UNITS	ORIGINAL BUDGET APPROPRIATION	EXPENDITURES	DIFFERENCE
Contractual Services	2 133	1 919	- 214
Use of Employees' Cars	120	120	-
Transportation to Regular Assignments Out of Town	1 364	982	- 382
Mtce. & Repair Buildings	100	-	- 100
Mtce. Kezar Floodlighting System	1 000	957	- 43
Heat, Light & Power	18 500	20 456	1 956
Materials & Supplies	9 710	15 852	6 142
Fuel & Lubricants	3 000	2 432	- 568
Drygoods & Wearing Apparel	325	100	- 225
Materials & Supplies - Resale	960	926	- 34
Equipment	4 355	3 122	-1 233
Fixed Charges	151	164	13
Reconstruction & Replacements	5 750	40 872	35 122
Total - Recreational Units	47 468	87 902	40 434
LAKE MERCED SPORT FISHING			
Contractual Services	5 830	5 981	151
Materials & Supplies	100	51	- 49
Total - Lake Merced Sport Fishing	5 930	6 032	102
CAMP MATHER			
Contractual Services	13 948	13 464	- 484
Materials & Supplies	7 865	9 545	1 680
Foodstuffs	34 569	30 316	-4 253
Equipment	400	190	- 210
Taxes	800	794	- 6
Total - Camp Mather	57 582	54 309	-3 273

RECREATION AND PARK DEPARTMENT
COMPARISON OF REVENUES ESTIMATED IN 1955-1956 BUDGET
WITH REVENUES COLLECTED

	BUDGET ESTIMATE	RECEIPTS COLLECTED	DIFFERENCE
Coit Tower Admission Fees	21 000	23 912	2 912
Golf Fees - Harding Park	130 000	141 652	11 652
Golf Fees - Lincoln Park	76 500	85 842	9 342
Golf Fees - Sharp Park	77 000	79 909	2 909
Golf Fees - Golden Gate Park Pitch-Putt	46 000	49 689	3 689
Balboa Stadium Rent	1 500	1 411	- 89
Golden Gate Park Stadium Rent	1 500	2 886	1 386
Kezar Pavilion Rent	4 000	6 680	2 680
Kezar Stadium Rent	100 800	106 729	5 929
Fleishhacker Bathhouse	13 000	14 719	1 719
Fleishhacker Booth - Rides, etc.	45 000	46 821	1 821
Children's Quarters - Rides, etc.	15 000	12 007	- 2 993
Tennis Fees	1 500	1 866	366
Sharp Park Rifle Range	2 300	3 420	1 120
Swimming Facilities	1 000	9 218	8 218
St. Mary's Square Garage	8 900	12 553	3 653
Yacht Harbor Mooring Fees	21 000	24 599	3 599
Lake Merced Fishing Permits	7 000	8 723	1 723
Aquatic Park Concessions	7 600	6 792	- 808
Stow Lake Boathouse	5 000	5 412	412
Miscellaneous Concessions	5 000	6 180	1 180
Fleishhacker Playfield Booths - Food	175 000	179 626	4 626
Children's Quarters - Food	43 000	41 964	- 1 036
Harding Park Cafe	47 000	49 664	2 664
Lincoln Park Cafe	2 000	2 290	290
Sharp Park Cafe	25 000	8 743	-16 257
Other Food Sales (Kezar)	33 500	35 509	2 009
Tea Garden Rent	7 500	9 645	2 145
Yacht Harbor Rent	3 600	3 497	- 103
Sundry Rents	6 500	7 061	561
Other Miscellaneous	20 000	20 659	659
Camp Mather	95 000	108 070	13 070
Total Recreation & Park Revenue	1 048 700	1 117 748	69 048

RECREATION AND PARK DEPARTMENT

1956 - 1957

ANNUAL REPORT

Recreational Arts Building

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RECREATION AND PARK DEPARTMENT

ANNUAL REPORT

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CITY AND COUNTY OF SAN FRANCISCO
GEORGE CHRISTOPHER, MAYOR

RECREATION AND PARK DEPARTMENT
McLAREN LODGE, GOLDEN GATE PARK
SAN FRANCISCO 17, CALIFORNIA

SKYLINE 1-4866

MAX G. FUNKE
GENERAL MANAGER

September 12, 1957

The Honorable George Christopher
Mayor of San Francisco
City Hall
San Francisco 2, California

THROUGH: The Honorable
Recreation and Park Commission

Dear Mr. Mayor:

Submitted herewith is the annual report of the Recreation and Park Department in accordance with Charter provisions requiring same and with your letter to all departments dated August 22, 1957. The report consists of a commentary on certain specific data and information on problems facing this department, and individual division reports of the various sections operating under the jurisdiction of the General Manager.

The general condition and affairs of this department have shown a marked improvement during the past year, with greater attention being paid to maintenance and repair of our capital facilities. Great strides have been made in dealing with the deterioration occasioned by weather and the heavy public use of facilities which are peculiar to the type of operation conducted by this department.

Progress made in our bond issue program includes:

1. Appropriation of the last of the 1947 bond issue funds and inauguration of the last two projects contemplated thereunder.

2. Acceleration of construction under the 1955 bond issue in order to offset the ever-growing obstacle posed by increasing inflationary trends.

3. Stepping up of the maintenance, repair and replacement program made possible by recognition by the Mayor and the Board of Supervisors of the need for additional funds and appropriation of an encouraging additional amount of money for these purposes in the current budget.

This department is currently anticipating additional demands that will result from several major public projects which appear to be near culmination, namely:

1. The department's obligation for operation of the new baseball/all-purpose stadium to be constructed in the vicinity of Bay View Park as the home of the Giants' Major League Baseball Team.

2. The possibility that funds will be made available for matching purposes to reconstruct the Palace of Fine Arts.

3. Further development of proposals for the construction of a park in the vicinity of the Ferry Building, to be placed under the jurisdiction of this department.

4. The relationship of this department with "Project X" being developed by the Maritime Museum Association.

1947 BOND ISSUE PROJECTS.

The department has completed construction of all but two of the 1947 bond issue projects. These are:

The new swimming pool at Rossi Playground to be opened September 22, 1957.

The new swimming pool at Garfield Playground to be opened approximately November 1, 1957.

The rebuilt swimming pool at North Beach Playground which opened December 5, 1956.

The Upper Noe Recreation Center which opened July 1, 1957.

The Recreational Arts Building which will open approximately November 1, 1957.

The Pine Lake Park Center now ready for occupancy.

The Balboa Swimming Pool to be ready approximately Spring, 1958.

The two remaining 1947 bond issue projects for which funds have been appropriated are:

Hayes Valley Field House - Acquisition of land has been completed, funds appropriated and architects are drawing plans at this date. Razing of condemned structures, being handled by the Real Estate Department, is expected to get under way within three weeks.

Children's Day Camp - Funds have been appropriated for this project and engineering-architectural services employed in order that the work may proceed without further delay. (Development of this project was delayed considerably pending definite alignment of new expressway which adjoins the property. This alignment has been accomplished by the Department of Public Works and this department, thus eliminating the last obstacle toward development of the Day Camp program.)

BUDGET PROCEDURE.

For the first time in the history of this department and of the former Recreation and former Park Departments before consolidation, a complete inventory of the maintenance, repair

and replacement needs involving our facilities was submitted in conjunction with the proposed 1957-1958 budget. All needed repairs or replacements were delineated and assigned "priority of necessity" for the guidance of the Mayor and the Board of Supervisors. This enabled a clear determination of what was required and resulted in the department receiving a substantial increase in funds to accomplish this work.

In subsequent years this inventory will be refined in order that all needs will be kept clearly and currently outlined. The system may help avoid neglect of our properties over long periods of time, with the end result that complete replacement is required.

The department has been complimented highly by the Mayor's Office and the Board of Supervisors for inaugurating this system.

STORYLAND.

Among other projects being undertaken by this department on which definite progress has been made is the publicly subscribed Storyland project at Fleishhacker Playfield. The architect has completed final working drawings, and bids are to be advertised within a fortnight on the first phase of the development which will include a large number of the "sets" and landscaping of the entire Storyland area.

VANDALISM.

The department is pleased to report that an intensive campaign inaugurated a year ago in cooperation with the Police Department, the District Attorney, the Juvenile Probation Department and the Board of Education has produced gratifying results. A year ago vandals were damaging our properties at a rate which would have cost the department approximately $150,000 a year. A new system of liaison between this department, the Police Department, and Juvenile authorities, increased patrolling by the San Francisco Police Department, and greater emphasis on the responsibility of playground personnel in holding down vandalism have produced the encouraging estimate that the vandalism rate has been reduced by 80%.

In years past the properties of this department have frequently been the scene of juvenile gang outbreaks and rowdyism which has discouraged the use of our properties by the better element of children. It has been estimated that less than 5% of the city's youth were responsible for this misbehavior, yet their actions were discouraging the great majority from taking advantage of the facilities and services offered through the Recreation and Park Department.

The General Manager, as a member of the Mayor's Committee on Juvenile Affairs continues to participate in regular meetings in which an expanded program is being developed to combat delinquency.

REVISION OF RATES ON CONCESSION REVENUE.

Several revisions in rates which have accounted for increased revenues to the department have resulted from a study beginning a year ago by the Business Manager, and further rate adjustments are contemplated in the ensuing year. Moderate rate increases were set up for Camp Mather, at the suggestion of the Mayor, to meet increased operating costs. The increase was held to a minimum in order not to work undue hardship on those who patronize camp.

THE LAKE MERCED SPORTS CENTER AND FISHING ACTIVITIES.

The department in the past has operated most effectively and popularly a program of recreation at Lake Merced involving, through the cooperation of the State Fish and Game Department, an extensive fish-planting program.

During the year, however, the San Francisco Water Department advised that it had been unable to properly maintain the waters of the lake in a potable condition required in the event of an emergency. Subsequently, the waters of the South Lake were treated to kill algae and this resulted in the destruction of the fishing program in that lake.

It is possible that because of the Water Department's position that the lake's waters must be maintained constantly

ready for drinking purposes in the event of emergency that this department's entire program at the lake may have to be discontinued or radically revised. The staff, in cooperation with the State Fish and Game Department and the Water Department employees has had a number of conferences to determine what the future of the lake will be.

In this connection, the future of the Lake Merced Sports Center, for which $350,000 was included in the 1955 bond issue, may also be in doubt. The department may be forced to reconsider the advisability of constructing the center if the use of the waters adjoining it is to be denied the public. This, likewise, is a matter which will be determined by further negotiation with the San Francisco Water Department and the Public Utilities staff.

CONSTRUCTION OF GOLF COURSES.

In addition to the nine-hole full-scale golf course to be constructed at McLaren Park under the 1955 bond issue, the department is investigating the possibility of acquiring other golf facilities. At present it appears there is no property available for the construction of additional nine- or eighteen-hole standard courses. However, we are studying the possibility of addition of another nine-hole, par 3, similar to the one now operating so successfully in Golden Gate Park, and other sites are under consideration for par 3 courses.

A growing demand exists for the smaller courses which will permit golfers moderate exercise without the cost of too much time. National studies show that par 3 courses fill a definite need in popular recreation, that more and more people are avoiding the "professionalism" of standard eighteen-hole courses and are enjoying in lieu thereof the exercise and entertainment of par 3 courses which consume less than half of the time to play. The department expects to make a recommendation in the near future as to construction of one or more additional par 3 courses.

ARBORETUM.

An intensive campaign to improve the quality and usefulness of the Arboretum in Golden Gate Park has been undertaken by the Recreation and Park Commission through the encouragement of Commissioner Gladys Moore. A definite program of development and a recommended program of operation thereafter is anticipated in the very near future.

FUTURE OF KEZAR STADIUM AND PAVILION.

With the advent of the new baseball/all-purpose stadium at Bay View Park the department must face the possibility of finding a new program of operation for Kezar Stadium. This is predicated, of course, on the eventuality that the San Francisco Forty Niners, now the primary users of Kezar, move to the new Bay View Park Stadium.

Likewise, Kezar Pavilion, which is designed primarily for basketball usage, will in all probability lose its principal tenant, the University of San Francisco, upon completion of the University's new pavilion. New activities involving additional sources of revenue will have to be explored thoroughly by the department. There are several alternate activities which might be considered appropriate for Kezar Pavilion, but so long as basketball is its primary activity the playing floor must be maintained for that purpose, since other activities might damage the floor. It is not deemed advisable to appreciably alter the building until conclusion of the University of San Francisco's use.

SUMMARY.

This department, as well as other departments of the city government, is faced with the ever-increasing problem of inflationary costs which affect not only new construction but also the cost of maintenance and operation of existing facilities. The department has been reluctant to recommend addition of new services so long as the cost of operating existing facilities increases.

It must be anticipated, of course, that a number of new services being contemplated on a city-wide basis will have to be met by this department. The full and complete understanding of the Mayor and the Board of Supervisors as well as the general public must be enlisted in order that the department may meet the cost of maintaining these properties and prevent the deterioration which results through failure to provide sufficient maintenance funds.

The General Manager and staff are grateful for the interest and energy being applied to the department's problems by the Recreation and Park Commission, individually and as a Commission. This spirit of understanding is invaluable in producing for the people a recreation and park system of such high excellency as that which exists in San Francisco today.

Respectfully submitted,

Max G. Funke
General Manager

ANNUAL REPORT

1956-1957

DIVISION OF RECREATION

1 - Attendance
2 - Aquatics
3 - Athletics (Male)
4 - Athletics (Female)
5 - Drama and Dance
6 - Silver Tree Day Camp
7 - Josephine D. Randall Junior Museum
8 - Photography
9 - Music

1. ATTENDANCE:

Playgrounds

Name of Unit	Attendance	Name of Unit	Attendance
Alta Plaza Square	34,300	Lee, Joseph	132,626
Aptos	56,070	Levi Strauss	13,271
Argonne	54,524	McCoppin Square	12,172
Balboa	99,214	Merced Heights	47,889
Bay View	13,410	Michelangelo	17,413
Bernal	30,344	Miraloma	42,236
Big Rec	130,345	Mission Dolores	108,283
Cabrillo	45,004	Mission	92,987
Cayuga	64,072	Mountain Lake	35,505
Chalmers, Alice	65,704	Murphy, J.P.	36,849
Chinese	128,076	Noe Courts	27,865
Chinese Center	137,875	North Beach	177,349
Clement Courts	-	Ocean View	88,819
Cow Hollow	26,167	Parkside Square	22,712
Crocker Amazon	21,516	Peixotto, Sidney	18,753
Douglass	38,774	Portola	132,874
Duboce	24,710	Potrero Hill	99,828
Eureka Valley	213,856	Presidio Heights	30,781
Excelsior	64,825	Richmond	50,482
Folsom	91,376	Rochambeau	61,672
Fulton	46,152	Rolph	134,459
Funston	210,397	Rossi	45,835
Gilman	28,959	St. Mary's	109,151
Glen Park	83,005	Silver Terrace	59,504
G.G.Park Tennis Courts	98,100	South Sunset	78,272
Grattan	47,403	Stern Grove	64,656
Hamilton	192,559	Stern Grove Annex	13,675
Hayes Valley	45,514	Sunset	126,753
Hayward Boys	36,334	Upper Noe	14,091
Hayward Girls	73,870	Visitacion	139,802
Jackson	53,799	Wawona Greens	14,343
Julius Kahn	58,619	West Portal	17,967
Junipero Serra	34,670	West Sunset	131,382
Larsen Square	24,445	Wills, Helen	56,001
Laurel Hill	40,096	TOTAL	4,670,341

Housing Centers

Name of Unit	Attendance
Hunter's Point Gymnasium	80,815
Sunnydale	84,365
Valencia Gardens	26,337
Westside	20,902
TOTAL	212,419

Aquatics

Name of Unit	Attendance
Fleishhacker Pool	323,842
Hamilton Pool	216,675
Mission Pool	95,096
Phelan Beach	254,721
Aquatic Park Beach	540,607
North Beach Pool	130,124
State College Pool	25,614
Lake Merced (Fishing)	33,049
TOTAL	1,619,728

Special Activities

Name of Unit	Attendance
Carnival	9,400
Photography Center	19,210
Josephine C. Randall Jr. Museum	59,528
Rifle Range, Sharp Park	8,841
Stern Grove Concerts	122,129
Silver Tree Day Camp	13,438
TOTAL	232,546

Camp Mather

Total Attendance	26,509

Recapitulation

Playgrounds	4,670,341
Housing Centers	212,419
Aquatics	1,619,728
Special Activities	232,546
Camp Mather	26,509
GRAND TOTAL	6,761,543

2 - AQUATICS

HAMILTON POOL (Open 12 months)

Attendance: 216,675
Type: Indoor

Hours Supervised:

Daily	Evenings	Sundays	Holidays
8:30 A.M.	7 - 10	1 - 5	10 - 12
5:00 P.M.			1 - 5

(Open until 5:45 P.M. daylight saving)

Staff	Classification	Hrs. Worked	No. of Days Worked
1	R114	40	6
1	R110	35	5
2	R110	25 (eve)	6
1	R110	11 (s/s)	2
1	R112	40	5
1	R112	36 (eve)	6
1	R112	24	4
2	R112	11 (s/s)	2
1	R52	30 (½ eve)	6
1	R52	14 (s/s)	2

Time	Units of Participation	No. of People		Units of Service
8:30-2:45	Benjamin Franklin	400	(40)	16,000
2:45-3:30	Jr. Hi Classes	30	(30)	900
F.10:30-11:30	Pr-School & Adult Classes	40	(40)	1,600
S. 9:50-11:30	Saturday Classes	250	(40)	10,000
M.&W. 7-8 P.M.	Adult Classes	80	(50)	4,000
T.Th.F.8-10 P.M.	Life-saving	20	(40)	800
7:00 - 10 P.M.	Recreation Swimming	200	(40)	8,000
3:30 - 4:45 P.M.	Recreation Program	100	(40)	4,000
8:30 - 10 P.M.	Free Play			135,289
T. 6-7 P.M.	Synchronized Swim.	20	(50)	1,000
				181,589

Special Groups

Units of Participation	No. of People	Units of Service
Balboa	30 (10)	300
Boy Scouts	40 (50)	2,000
B.T. Washington	30 (10)	300
Blue Bird	30 (20)	600
Bayview	68 (1)	68
Campfire	100 (11)	1,110
G.A.A.	12 (10)	120
Crystal Team	20 (141)	2,800
Canon Kip	23 (10)	230
Chinese Center	54 (1)	54
Cameron House	326 (1)	326

Units of Participation	No. of People	Units of Service
City College	56 (1)	56
C. Palsy	61 (1)	61
Dolphins	73 (1)	73
Synch. Swim	28 (20)	560
Everett J.H.	100 (3)	300
Eureka Valley	20 (25)	500
First Baptist	10 (20)	200
Good Samaritan	21 (20)	420
Girl Scouts	100 (11)	1,100
Hamilton Rec. C.	30 (30)	900
Hamilton Team	30 (20)	600
Hanna Center	25 (20)	500
Hamilton Mothers	20 (30)	600
John O'Connell Trade	10 (30)	300
Jones - Methodist	136 (1)	136
Marion Kane Ballet	20 (20)	400
8 Grade Schools	160 (1)	160
Langley Porter	20 (20)	400
Lick Wilmerding	10 (20)	200
Latter Day Saints	10 (30)	300
McKittredge	20 (20)	400
8 High Schools	160 (8)	1,280
N. Cal. Youth	93 (1)	93
10 Playground	200 (1)	200
Precita Valley	243 (1)	243
Police & Fire	10 (46)	460
Pan American	20 (30)	600
Potrero Hill	30 (20)	600
Portola	30 (10)	300
Polytechnic	40 (20)	800
Red Shield	10 (20)	200
Red Cross Swim Campaign	175 (60)	10,400
San Rafael Military Academy	76 (1)	76
St. Peters School	280 (1)	280
Sun Reporter	25 (20)	500
Star of the Sea	20 (20)	400
Sacred Heart	20 (25)	500
St. Ignatius	47 (20)	940
Telegraph Hill	10 (18)	180
Washington	20 (10)	200
Westinghouse	40 (4)	160
Westminster Center	10 (20)	200
United Airlines	20 (20)	400
		35,086

MISSION POOL (152 days, May - November 1)

Attendance 95,096
Type: Outdoor
Acreage: 1.83

Hours Supervised

Daily	Sundays	Holidays
8:30 - 12:00 1:00 - 5:00	0	0

Staff	Classification	Hrs. Worked	No. of Days Worked
1	R114	40	5
1	R110	35	5
1	R112	40	5
2	R110	7 (Sat.only)	1
1	R52		

Time	Units of Participation	No. of People	Units of Service
9:10 - 12:15) 1:15 - 3:15)	Luther Burbanks (B & G)	200 (40)	8,000
3:15 - 4:30	Free play (Recreation)	310 (152)	47,176
3:15 - 4:30	Water Sports	80 (28)	2,240
4:30 - 5:45	Team Coaching	80 (101)	8,080
F.4:30 - 5:30	Coach diving	50 (30)	1,500
S/4:00 - 5:00	Water Stunts	80 (30)	2.400
		743	69,391

Special Activities

Units of Participation	No. of People	Units of Service
Swim Campaign	183 (40)	7,320
Jos. Lee Day	850 (1)	850
Playground Groups	40 (10)	400
Swimming Meet	900 (2)	1,800
Groups	1,973	10,370

Units of Participation	No. of People	Units of Service
Everett	35 (40)	1,400
Jas. Lick	40 (30)	1,200
Horace Mann	45 (30)	1,350
Mission High	25 (40)	800
Mission Center	20 (25)	500
Mission Dolores	30 (22)	660
Police & Fire	15 (40)	600
Volley Ball	250 (1)	250
Campfire	35 (25)	875
O'Connell Trade	75 (30)	2,100
Recreation & Park Team	40 (140)	5,600
	610	15,335

GRAND TOTAL 95,096

FLEISHHACKER POOL (194 days - 7 months)

Attendance:	323,842
Type:	Outdoor
Acreage:	6.9

Hours Supervised

Daily	Sundays	Holidays
10-5	10-5	10-5

Staff	Classification	Hrs. Worked	No. of Days Worked	Length of Time
1	R112	40	5	7 mos. (1-10 wks)
3	R112	35	5	(7 mos.)
2	R111	40	5	9½ mos.
1	R108	40	5	12 mos.
3	R110	40	5	10 wks.
1	R110	35	5	10 wks.
3	R110	14	2	7 mos.
4	R52	36	6	10 wks.
2	R52	14	2	7 mos.

Time	Units of Participation	No. of People	Units of Service
10-12	Adult Group	75 (190)	14,250
	Langley Porter	35 (40)	1,400
	Police & Firemen	30 (100)	300
2:30-4:30	Team Practice	150 (40)	6,000
	School	40 (40)	1,600
10-12 (Sat)	Cerebral Palsy	20 (20)	400
4:00-5:00	Coaching (daily)	20 (100)	2,000
10-5:00	Free Play		249,673
1:15-3:00	Division Swims	400 (4)	1,600
		Total	277,223

Special Activities

Units of Participation	No. of People	Units of Service
High School Meets	200 (40)	8,000
Far Western	900 (4)	3,600
Bay City League	270 (1)	270
Independence Day Meet	600 (1)	600
Diving Meet	100 (2)	200
Duel Championship	300 (1)	300
Surf and Guard Tests	100 (2)	200
City Treats	300 (3)	600
All-City Division	110 (2)	220
Aquatic School Aides	500 (10)	5,000
Swim Campaign	318 (40)	12,720
Junior Olympics	1,500 (1)	1,500
	Total	33,210

Units of Participation	Groups No. of People	Units of Service
S.F. Rowing Club	20 (40)	800
G.G. Swim Club	30 (40)	1,200
Olympic Club	41 (30)	1,230
Playground Group	20 (40)	800
Sacramento Bees	50 (2)	100
Berkeley "Y"	38 (2)	76
Bayovista Club	40 (10)	400
Crystal	20 (40)	800
Campbell	30 (3)	60
Santa Rosa	40 (2)	80
Menlo Circus Club	30 (2)	60
San Mateo	30 (5)	150
Santa Clara	60 (4)	240
San Leandro	56 (4)	224
Berkeley City	50 (12)	600
Diamond Oaks	50 (10)	500
Benicia	30 (4)	120
Aqua Cowboys	35 (10)	350
Covington Swim Club	30 (10)	300
Redding	30 (10)	300
Alameda	15 (4)	60
Modesto Bees	10 (2)	20
Oakland Tribune	150 (1)	150
16 Grade Schools	300 (1)	300
Piedmont Rec. Center	125 (1)	125
Marsh Bank	10 (2)	20
Peninsula Golf	36 (1)	36
Mission Team	20 (10)	200
Fresno	100 (1)	100
Oakland "Y"	75 (2)	150
Sacramento Skippers	100 (1)	100
Napa Swim	75 (1)	75
Ukiah	50 (1)	50
Santa Monica	30 (1)	30
Fremont Sharks	25 (1)	25
Alum Rock	50 (1)	50
Tacoma	40 (1)	40
Lafayette	35 (1)	35
Los Angeles Athletic Club	40 (1)	40
Bakersfield	30 (1)	30
Yosemite S.C.	20 (1)	20
Columbia S.C.	35 (1)	35
Orinda	40 (2)	80
8 High Schools	200 (10)	2,000
R.C. Master life-saving	78 (2)	156
R.C. Small Craft	125 (2)	250
Castle Air Force	16 (3)	58
Mr. Beale's Group	20 (4)	80
Castlemont High	22 (2)	44
Richmond High	12 (2)	24
Tamalpais High	14 (2)	28
Treasure Island	15 (20)	300
French Camp (Stockton)	41 (1)	41

Units of Participation	No. of People	Units of Service
Columbia S.C.	35 (1)	35
Orinda	40 (2)	80
8 High Schools	200 (10)	2,000
R.C. Master Life-saving	78 (2)	156
R.C. Small Craft	125 (2)	250
Castle Air Force	16 (3)	58
Mr. Beale's Group	20 (4)	80
Castlemont High	22 (2)	44
Richmond High	12 (2)	24
Tamalpais High	14 (2)	28
Treasure Island	15 (20)	300
French Camp (Stockton)	41 (1)	41
St. Thomas	40 (2)	80
St. Thomas Academy	43 (2)	86
Modesto Girls' Scouts	36 (1)	36
Lincoln Presbyterians	17 (1)	17
Spokane, Washington Newsboys	68 (1)	68
	Total	13,444

GRAND TOTAL 323,842

JAMES D. PHELAN (12 months)

Attendance: 254,721
Type: Ocean Front
Acreage: 6.4

Hours Supervised

Daily	Sunday	Holiday
10-6	10-6	10-5

(Daylight Saving 10-6)

Staff	Classification	Hrs. Worked	No. of Days Worked	Length of Time
1	R110	40	5	12 mos.
1	R110	35	5	10 wks.
2	R110	14	2 s/s	52 wks.
1	R112	40	5	7 mos.
1	R112	14	2	12 mos.
1	R52	18	3	10 wks.
1	R52	14	2 s/s	52 wks.

General Supervision of Beach and Locker room areas. Swimming, picnicking, Volleyball.

Units of Participation	No. of People	Units of Service
Potrero Hill Neighborhood House	60 (1)	60
Y.W.C.A. (2 Directors)	35 (1)	35
Westminster Day Camp	40 (1)	40
South End Rowing Club	15 (1)	15

Units of Participation	No. of People	Units of Service
Hillcrest House	9 (1)	9
Helen Wills Playground	15 (1)	15
Sierra Hiking Club	50 (1)	50
Alameda Cub Scouts	8 (1)	8
Dist. #1 Director V. Curtin	150 (1)	150
Common Kip Rec	30 (1)	30
Boy Scout, Clean up day	25 (1)	25
1956		
Luther Burbank	60 (1)	60
Jobs Daughter	15 (1)	15
Reed Cal-State	55 (1)	55
Laurie Chin - Cameron Home	110 (1)	110
Luther Burbank	110 (1)	110
Everett Jr. Hi Mrs. Lyod	80 (1)	80
Line Up Production	30 (1)	30
Everett Jr. High Traffic Squad	80 (1)	80
" " " "	80 (1)	80
Cub Scouts	56 (1)	56
Alamo School	120 (1)	120
School Group	20 (1)	20
" "	20 (1)	20
Y.M.C.A. (1 director)	20 (1)	20
" " " " (" ")	14 (1)	14
Westminster Day Camp	45 (1)	45
Patrick Henry (Don Brawnes)	15 (1)	15
Julius Kahn, Rossi, Etc.	150 (1)	150
Funston Playground	150 (1)	150
Langley Porter	15 (1)	15
Woodside Juvenile School	50 (1)	50
1957		
Luther Burbank	50 (1)	50
Luther Burbank	60 (1)	60
Everett Jr. Hi.	80 (1)	80
School Group	40 (1)	40
Division A.	150 (1)	150
Marshall District	25 (1)	25
Mr. Chang Division	300 (1)	300
Patrick Henry School, Mr. Curtes	12 (1)	12
	Total	2,449

AQUATIC PARK (12 Months)

Attendance: 630,642
Type: Bay Front
Acreage: 31.42

Hours Supervised

Daily	Sunday	Holidays
10-5	10-6	10-5
(Daylight Savings	10-6)	

Staff	Classification	Hrs. Worked	No. of Days Worked	Length of Time
1	R110	35	5	9½ months
1	R110	35	5	10 months
1	R111	40	5	2½ months
2	R110	14	2	12 months

Time	Units of Participation	Units of Service
10-5 10-6 (Daylight Saving)	Swimming, picnicking, volleyball, fishing	621,372

Special Groups

Units of Participation	No. of People	Units of Service
Hanna Boys Club	200 (2)	400
Poly Hi	50 (1)	50
Schools (Vacation)	200 (2)	400
Division Plgd. Swims	200 (2)	400
Visitacion C.C.	80 (2)	160
Marin Co. Y.	190 (1)	190
Boys Scouts	65 (1)	65
St. Francis School	60 (2)	120
Hunters Point	160 (1)	160
Bear Park (P.A.)	140 (1)	140
Mark Twain	95 (1)	95
Edison School	50 (4)	200
Arden, Sac.	290 (1)	290
Cerebral Palsy	30 (1)	30
20 Playgrounds	150 (20)	3,000
Sacramento (Concord)	345 (1)	345
Sacramento Playgrounds	350 (1)	350
Cub Scouts	220 (3)	660
Castro Valley	165 (1)	165
Cupertino	110 (1)	110
Boy Scouts	190 (2)	380
10 Schools	100 (10)	1,000
8 Com. Centers	70 (8)	560
	Total	9,270

GRAND TOTAL 630,642

LAKE MERCED (April 28 - December 31)

Attendance: 33,049
Type: Lake (No Swimming)
Acreage: 368

Hours Supervised

Daily	Sunday	Holidays
10-5	6-6	10-5

Staff	Classification	Hrs. Worked	No. of Days Worked	Length of Time
2	R110	(6-12 12-6)(S/S)	2	73 days
	R110	(10-5)	5	10 wks.

Time	Units of Participation	No.of People	Units of Service
10 A.M.-5 P.M.	Fishing from float fishing and boating (Schools,C.C.,Playgrounds)	250 (60)	15,000
6 A.M.-6 P.M.	Fishing from float	100 (160)	16,000
	picnicking	12 (160)	1,949
		Total	33,049

Special Groups

Units of Participation

Boys' Club)
Edgewood) Included in above
6 Playgrounds)

SAN FRANCISCO STATE COLLEGE (All year Sundays only)

Attendance: 25,614
Type: Indoor

Hours Supervised:

Sundays (Only)

10-5

Staff	Classification	Hrs. Worked	No. of Days Worked
2	R110	7	1
1	R110	5	1
2	R112	7	1
2	R52	7	1

This unit is used Sundays only from 10 - 5, at which time free play is supervised by Recreation and Park Department lifeguards.

NORTH BEACH POOL (Dec. 7, 1957 - July 1, 1957)

Attendance: 130,124
Type: Indoor

Hours Supervised:

Daily	Sunday	Holidays
8:30-12	10-12	10-12
1-5	1-5	1-5

Daylight Saving

10-12	1-6

Staff	Classification	Hrs. Worked	No. of days worked
2	R114	40 (1 Eve s/s)	1 - 5
			1 - 6
1	R114	40	5

Staff	Classification	Hrs. Worked	No.of days worked
1	R110	27 (eve)	6
1	R110	7 (S.Only)	1
2	R112	40 (Eve & S/)	1 - 5 1 - 6
1	R112	20 (Eve.)	5
1	R112	14 (S/s)	2
1	R52	32½	5
1	R52	14	2

Time	Units of Partic.	No. of People	Units of Servic
8:30- 2:45	Marina Jr. High	30 (11)	330
	Francisco J.H.	248 (40)	9,920
	Galileo Hi	45 (40)	1,800
2:45- 3:30	Junior Hi Groups	20 (40)	800
M.10:15-11:30	Pre-School & Adults	30 (40)	1,200
S. 9:50-11:30	Saturday Classes (6-18)	100 (40)	4,000
Th. 7:00- 9:00	Adults Classes	30 (40)	1,200
T.Th.8:00-10:00	Life-saving classes	20 (40)	400
7:00-10:00	Recreation Swimming		75,095
3:30- 4:45	Recreation Program	40 (40)	1,600
4:30- 6:00	Team practice		1,383
		Total	97,728

Units of Participation	No. of People	Units of Service
Bayview Community Center	34 (4)	136
America Fore Ins.	5 (2)	10
Chinese Center	75 (3)	225
Central Pathfinders	25 (1)	25
Columbia Park Boys	197 (12)	2,364
Chinese YMCA	6 (1)	6
Cannon Kip	70 (5)	350
Good Samaritan	48 (3)	144
Good Shephard	46 (2)	92
Dr. Baer's Team	40 (3)	120
Eureka Valley	23 (1)	23
Explorers Post #1	6 (1)	6
Galileo Basketball Team	10 (1)	10
General Mills	10 (1)	10
Mary Ann Grundman Team	13 (2)	36
International Inst.	8 (1)	8
Joanne Alioto Team	80 (6)	480
Marion Kane Team	149 (14)	2,086
Latter Day Saints	16 (1)	16
McKittridge School	52 (4)	208
Old St. Mary's Center	114 (7)	798
Precita Valley	9 (1)	9
Paul Revere School	10 (1)	10
Rolph Playground	10 (1)	10
St. Peter & Paul's	50 (1)	50
Telegraph Hill Center	86 (10)	860
State Personnel (Mr. Beale)	10 (1)	10
St. Mary's Playground	121 (4)	484

Units of Participation	No. of People	Units of Service
United Airlines	20 (1)	20
Glen Park	20 (1)	20
Mrs. Voores Team	12 (1)	12
Cameron House	18 (1)	18
Girl Scout Trrop #40	39 (3)	117
Girl Scout Troop #96	15 (2)	50
Girl Scout Troop #97	19 (2)	38
Girl Scout Troop #317	9 (1)	9
Girl Scout Troop #349	14 (3)	42
Campfire Girls	10 (1)	10
Boy Scout Troop #234	10 (1)	10
Boy Scout Troop #181	146 (11)	1606
Boy Scout Troop #251	37 (1)	37
Boy Scout Troop #117	20 (1)	20
Boy Scout Troop #166	43 (3)	129
Boy Scout Troop # 14	16 (1)	16
Boy Scout Troop # 96	29 (3)	87
Boy Scout Troop # 39	21 (2)	42
Boy Scout Troop # 84	18 (1)	18
Boy Scout Troop #107	52 (3)	156
Boy Scout Troop #135	109 (12)	1308
Boy Scout Troop # 37	44 (2)	88
Boy Scout Troop #71	63 (3)	189
Boy Scout Troop #97	8 (1)	8
Mr. Wright's Scouts	20 (1)	20
Boy Scout Troop #55	18 (1)	18
G.A.A.	456 (12)	5472
Swim Campaign	265 (50)	13250
S.F. Rowing	10 (100)	1000
	Total	23740
	GRAND TOTAL	130,124

3. ATHLETICS (MALE)

1 - R105 Supervisor of Athletics - Hours of Work 40 hr. Week
1 - R58 Supervising Director - " " " " " "
1 - R56 Playground Director - " " " " " "

Number of days work per week varies (Monday thru Sunday) to meet the demand of program.

Industrial Division (Male)	No. of Teams	No. of Players	No. of weeks	Service Units
Bowling	40	240	27	6480
Basketball	29	435	9	3815
Golf (Spring)		551	2	551
Golf (Fall)		374	2	374
Table Tennis Men & Women (Spring)		289		289
Table Tennis Men & Women (Fall)		310		310
Softball	31	496	7	3472
" (State)	7	112	2	224
Snow Trip		204		

Special Events:

Intra Firm Activities

	No. of Teams	No. of Players	No. of Weeks	Service Units
Tennis Tournament (Standard Oil)		200	11	2200
" " (Northern Calif)		500	3	1500
" " (Parkside Club)		30	3	90
" " (Chinese)		50	3	150
" " (Lafayette Club)		20	2	40
Table Tennis (Pac Tel & Tel)		57	2	114
" " (S.F.N.S.)		126	2	252
Softball Minor League	42	672	10	6720
" City League	56	896	10	8960
" Bnai-Brith	4	64	7	448
" Acacia	16	240	8	1920
" City Employees	10	160	8	1280
" A.Z.A.	12	180	8	960
" Native Sons	8	120	7	840
" Council of Churches	24	360	7	2520
" Lutheran	8	120	7	840
" Nisei	14	210	7	1470
" Mormon	8	120	7	840
" Pac Tel & Tel	16	240	7	1680
" S.F. Fire Dept.	6	90	5	450
Rifle Range Sat. & Sunday			52	8841
Beach Chalet			52	
C.Y.O. Soccer	10	150	6	900
American Football	20	300	30	9000
High School Soccer	10	200	7	1400
Jr. High "	15	300	7	2100
Jr. Soccer League	8	160	7	1120
Seamans "	8	160	8	1280
Boys' Activities:				
Basketball	131	1211	6	7266
" Pentathlon		505	1	505
Tennis (Boys & Girls)		231	4	924
Table Tennis Spring		599	2	1198
" " Mixed Doubles		193	2	386
" " Fall		435	2	870
Football (Touch Tackle)	116	1119	6	6714
" (Feature)		417	1	417
Marbles		157	1	157
Track & Field		927	1	927
Softball (Cubs)	41	820	11	9020
Softball (Playground)	64	839	5	4195
Kickball	23	264	3	792
Volley	25	281	7	1967
Baseball Activities:				
Muny Federation	97	1455	7	10185
Sr. High School	9	135	8	1080
Jr. Varsity "	9	135	8	1080
C.Y.O.	63	945	8	7560

	No.of Teams	No.of Players	No.of Weeks	Service Units
Police Big Brother	12	180	6	1080
S.F. Boys Club	4	60	4	240
Twilight	8	120	6	720
Midget League	56	840	6	5040
Junior High	14	210	10	2100
Saturday League D	35	525	6	3150
League Play	82	1220	6	7320
Independent	291	3490		3490
Saturday B	12	180	6	1080
" C	13	195	6	1170
Bowling Greens:				
Bowling Green (Women)		100	52	5200
" " (Men)		170	52	9100
Calif. State		130		
Open Calif.		75		
Championship Singles		30		
" Doubles		30		
" Mixed Doubles		60		
Lassie Trophy		30		
Boyton		30		
McLaren		40		
Brooks		40		
Dr. Sill		130		
Handicap (Doubles)		30		
" (Singles)		30		
Two Bowl		30		
Novice Trophy		30		
Taravallier		30		

4. ATHLETICS (FEMALE)

Junior Program: (Girls & Mixed Groups through 18 years of age)

	Pre-Tourn. Partic.	No.of Teams	No.of Players	No.of Weeks	Units of Service
Indoors Relay (10 Roster)	1240	86	800	2	2840
Girls' Basketball Pentathlon	750		427	1	1177
Girls' Basketball Pentathlon Finals			96	1	96
Girls' Basketball (10 roster)	630	21	210	3	1260
Girls' Kickball Playday	2790	39	585	3	4545
Girls' Track & Field	3000		425	4	4700
Girls' Softball League (20 roster)	1800	34	680	6	5880
Checker Tournament	2480		615	1	3095
Checker Tournament (Finals)			95	1	95

	Pre-Tourn. Partic.	No.of Teams	No.of Players	No.of Weeks	Units of Service
Chess Tournament	1400		350	1	1750
Chess Tournament (Finals)			85	1	85
Mixed Volleyball (8 roster)	2880	32	256	2	3392
Midget Girls' Volleyball League (12 roster)	740	13	156	4	1364
Junior & Senior Girls' Volleyball (12 roster)	3120	39	468	5	5460
Jacks Tournament	800		390	1	1190
Jacks Finals			54	1	54

(All figures listed above represent the number who actually participated in playground competition. These activities are regularly conducted on various units prior to each of the scheduled events.)

Golden Gate Park Tennis Courts: (Scheduled Tournaments)

Tournament or Group	No.of Players	Time Involved	Service Units
**City	152	10 days	392
**Northern California	165	8 days	330
**Class	140	12 days	324
Interclub	60	8 days	480
AAA	90	6 weeks (4 times a week)	2160
**Call Bulletin	400	7 days	800
**Industrial (Fall)	130	5 days	300
**Industrial (Spring)	121	5 days	280
CYO Girls	60	8 days	480
**Golden Gate Women's Club (4 tournament's annually)	24	16 days	208
Women's Round Robin	24	8 days	192
Northern Calif. Junior Col.	40	5 days	200
S.F. City College	36	10 days	360
**Bechtel Corporation	32	4 days	78
**Western Pacific Railway(2 tourn)	78	8 days	210
**Standard Oil Co.(2 tourneys)	66	8 days	152
Calif. State Jr. College Championship	60	4 days	240
Wightman Cup Girls	60	104 days	6240
Boys Beginners Class	20	80 days	1600
Women's Beginners Class	12	30 days	360
Adult Instruction	20	48 days	960
Lowell High Boys	35	108 days	3780
Geo. Washington High School	12	8 days	96
Polytechnic High School (Boys)	20	40 days	800
Abraham Lincoln High School	20	10 days	200
Polytechnic High School(Girls)	40	80 days	3200
St. Ignatius High	16	10 days	160
Lick Wilmerding	10	10 days	100
Roosevelt Jr. High (Girls)	20	14 days	280

Tournament or Group	No. of Players	Time Involved	Service Units
**Bay Counties Ath. League (Private High Schools)	60	4	145
**Handicap Grab Bag Mixed Doubles	88	6	233
**Open Turkey Handicap Mixed	106	6	239

**Will not follow a regular pattern due to being an elimination type of tourney.

Industrial and City Wide: (Adult)

Event	No. of Teams	Participants or No. of Players	No. of Weeks	Service Units
**Tennis Tournament (Spring) (Men or Women)		112	5	242
**Tennis Tournament (Fall) (Men or Women)		124	5	250
Women's Bowling League	30	150	30	4500
Women's Volleyball League(Spring)	12	180	8	1440
Women's Volleyball League (Fall)	16	320	10	3200
Mixed Bowling League	40	200	14	2800
Women's Softball	4	80	6	480
Women's Basketball	4	48	6	258
Women's Volleyball Banquet (Spring)		102		102
Women's Volleyball Banquet (Fall)		112		112
Women's Bowling Banquet		128		128
Mixed Bowling Banquet		139		139
Badminton (Northern California)		35	52	1820
Badminton Tournament (Spring)		46	1 day	46
Badminton Tournament (Fall)		54	1 day	54
**Calif. State Badminton Tourney		106	2 days	156

**Will not follow regular pattern set because of an elimination type of event.

5. DRAMA AND DANCE

Activities:	Participation Groups	Participation Attendance	No. of Meetings	Units of Service
Storytelling	99	1980	50	99,000
Golden Gate Story League	1	25	11	275
Golden Gate Story League Classes	2	30	18	540
Storyland Story League	1	210	10	200
Story Play	56	120	51	57,120
Puppetry	12	240	40	9,600
Play Production	16	240	30	7,200
Singing Games	83	2375	50	118,750
Small Folks' Rhythmics	68	1700	50	85,000
Folk Dancing (Boys & Girls)	63	1260	50	63,000
Folk & Square Dancing(Adult)	21	1260	52	65,520
Special Dance Groups	4	140	45	6,300

(In taking statistics for programs the spectator count is included, as the civic group requesting the program is the one that is being serviced. For example, when a storyteller is sent to an agency in response to a request, it is the group to whom the stories are being told that is receiving the service, and not the storyteller. This also holds true when puppet shows, folk dance groups, etc., are sent out in response to a request.)

Programs and Special Events Given on Recreation Units:

Programs	Participants	Spectators	Total
"Carnival" at Stern Grove	1,650	9,400	11,050
Doll Festival	516	5,105	5,611
May Day at Kezar	1,050	4,000	5,050
Columbus Day Pageant	300	14,500	14,800
12 Adult Regional Folk Festivals	6,200	2,600	8,800
Bay Area Folk Festival at Civic Auditorium	3,000	4,000	7,000
Folk Dance Program at Band Concourse	32	625	657
Singing Games - Joseph Lee Day	800		800
Story Play Festival and Contest	237		237
3 UNESCO Programs	150	775	925
467 Additional Programs Given for Special Days During the Year	38,250	52,030	90,280

Programs and Special Events Given Elsewhere As A Community Service:

	Participants	Spectators	Total
10 Radio Programs (KNBC)	Listening Audience		
2 Television Programs (KQED & KPIX)	Viewing Audience		
252 Golden Gate Story League Programs	300	42,000	42,300
16 Golden Gate Story League Classes	445		445
10 Adult Folk Programs at Presidio Army Club	875		875
112 Adult Folk Dance Programs	3,850	12,300	16,150

Costuming:

Costumes used	12,050
New Costumes	910
Costumes remodeled	831
Costumes altered	1,010

Staff:

1 - R 106 a 40 - Supervisor of Drama
1 - R 58 40 - Drama Assistant
1 - I 254 40 - Seamstress
1 - I 154 40 - Laundress
3 - 79.50 35 hours - assigned to Adult Folk Dance Groups
5 - R 56 hourly-3 @ 6 hours per week assigned to Adult Folk Dance Gps
1 @ 9 hours per week assigned to Adult Folk Dance Gps
1 @ 3 hours per week assigned to Adult Folk Dance Gps

6. SILVER TREE DAY CAMP

Annual attendance of the Silver Tree Day Camp, located on 70 acres in Glen Park Canyon, was 13,438. Following is a listing of the staff required to conduct this increasingly popular recreational activity which annually provides city children with a wholesome taste of outdoor living:

No. Staff	Class	No. Hours	Days Per Week
15	10 R-56	8 hours	5 days (11 wks. 1956
	2½ I-92	8 hours	5 days
	2 Locker Aides	72 hours per month	5 days

Camping hours during the season are from 9:00 a.m. to 5:00 p.m. daily (Mondays, Tuesdays, Wednesdays, Fridays) and on Th sdays from 12:30 to 8:30 p.m. The camp is closed on Saturdays, Sundays and holidays.

The carefully supervised program includes: flag raising, camp craft, nature lore, hiking, quiet period, music, general crafts, story telling, skits, campfire programs, flag lowering, cookouts, treasure hunt, Indian chase.

Special activities include tours, field trips and motion pictures of wild animals and nature education.

Among special groups serviced were Retarded Children and Child Care Centers.

7. JOSEPHINE D. RANDALL JUNIOR MUSEUM

During the past year the San Francisco Recreation and Park Department continued its program of natural history, science and art activities at the Josephine D. Randall Junior Museum. Here the young people of San Francisco were offered an opportunity to participate in scientific and cultural hobbies presented in the form of exhibits, study collections, arts and crafts projects and field excursions.

Program: The Museum was open to visitors from 10:00 A.M. to 5:00 P.M Monday through Saturday and from 12:00 Noon to 5:00 P.M. Sundays and Holidays.

Participation in activities was carried on from 2:30 P.M. to 5:00 P.M. on weekdays during the school term and from 10:00 A.M. to 5:00 P.M. on Saturdays and school vacation days. An after school program for Girl Scouts, Cubs and other groups was in progress through-out the school term.

On Saturdays during the school term and daily during the summer vacation period a program of movies on science and travel was presented from 12:30 to 1:30 P.M.

Adult clubs and groups scheduled the Museum Auditorium for evening meetings, lectures and science programs from 7:30 to 11:00 P.M.

Guided tours of the Museum were conducted for school classes and clubs during the hours of 10:00 A.M. to 2:30 P.M. Teachers and club leaders arranged in advance for special programs related to term projects.

Attendance: Total attendance for the year (1956-1957) was 65,013 persons.

	Number of Days	Participants
Saturdays and school vacation days	126	41,562
Weekdays (school term)	175	23,451

Included in the above totals are the following groups:

	Number of Groups	Participants
School Classes	66	2,163
Girl Scouts	181	2,284
Brownies	70	1,247
Campfire Girls	8	108
Bluebirds	34	439
Boy Scouts	2	50
Cub Scouts	224	2,350
Adult Groups (daytime)	12	444
Night Meetings	93	5,597

Staff: The staff of the Museum consisted of one full curator and three full time assistants. Three part time assistants worked 2 hours on weekdays and 6 hours on Saturdays and school vacation days. One part time assistant worked 6 hours on Saturdays only.

Volunteer Workers: For the duration of the summer program the Auxiliary of the Josephine D. Randall Junior Museum accepted the responsibility of organizing and managing a group of volunteer workers. They provided the Museum with from one to four people daily who handled telephone calls, information and office details and also served as hostesses and guides. In taking over these tasks the volunteers made it possible for members of the staff to conduct the Museum activities in a more efficient and satisfactory manner.

Gifts: The Junior Museum celebrated its 20th anniversary in February 1957 and in honor of that date Dr. Mary Layman of San Francisco presented the Auxiliary of the Museum with a check for $1,000.00 to be used for the purchase of equipment for the Museum.

In November 1956 the Junior Museum received as a gift the world-wide stamp collection of Mrs. Dwight B. Heard of Arizona. This collection consists of 34 albums and is valued at $8,000. It was presented to the Junior Museum by the Heard Foundation.

The Museum also received several gifts of materials and supplies for use in arts, crafts, and science activities and also books and magazines which have been added to the library.

8. PHOTOGRAPHY

For eleven months of this year the Photography Center was locate at the temporary site at 45 Polk street. Regardless of the limitations of the building, and the uncertainty of the date of removal to the Recreational Arts Building it was a very successful year. For approximately ten monthe activities were comparable to the previous year. During the last two months many activities had to be curtailed due to preparations for removal and the actual moving into the new quarters in the Recreational Arts Building.

On June 18, 1957, the Photography Center opened its doors in the new building for a limited operation; namely, the meeting of camera and movie clubs. As of that date all of the available space for meetings, with the exception of the small committee meeting room, was booked for the year.

The following clubs and meetings have been booked:

Mondays: 2nd Monday of each month the Northern California Council of Camera Clubs meets. All other Monday evenings are reserved for class instruction, lectures, etc. Commencing on Monday evening, September 16, and ending on Monday evening, November 25, a nine lecture and demonstration course in basic photography will be held on Monday evenings between 8:00 and 10:30 p.m.
Tuesdays: The California Camera Club meets.
Wednesdays: The Sunset Camera Club meets. On the 4th Wednesday of each month the Golden Gate Cinematographers meet, the Sunset Camera Club using either the committee meeting room or the studio.
Thursdays: On the 2nd and 4th Thursdays the Photochrome Club of San Francisco meets. The 1st and 3rd Thursdays are reserved for lectures, etc.
Fridays: The Mission Pictorialists Camera Club meets. On the 4th Friday of each month the Westwood Movie Club meets.

On December 15, 1956, the Supervising Director of Photography submitted a complete report on the facts concerning the Photography Center and its operation in the Recreational Arts Building. From this report and later conferences the following fees and hours of operation were developed:

Adult Membership Fees: $2.00 per quarter, $4.00 per six months, $6.00 per year.

Junior Membership Fees: $1.00 " " , $2.00 " " " , $3.00 per year.
Juniors are those boys and girls classified as Senior High School boys and girls under the age of nineteen years.

172 lockers will be rented for fees of $4.00, $8.00, $12.00 and $16.00 per year, depending on the size of the locker. These lockers may be rented for a period of six months or for one year.

On Tuesday, October 1, 1957, the Photography Center will be open for complete operation. The schedule of hours are as follows: Monday, Tuesday and Wednesday--5:45 p.m., to 11:00 p.m., Thursday and Friday--3:30 p.m., to 11:00 p.m., and Saturday--12:00 noon to 5:30 p.m.

All indications point to a very busy, exciting and successful year.

9. MUSIC

Activities:

	Groups	Average	Meetings	Units of Service
Tiny Tots Singing	25	30	112	84,000
Small Children Singing	42	26	50	54,600
Folk Songs Boys and Girls	42	28	50	58,800
Children's Rhythm Bands	42	25	52	54,600
Recreation Symphony Orchestra	1	75	65	4,875
Community Singing, Senior Citizens	1	19	50	950

Special Events and Programs:	Participants	Spectators	Total
June Carnival, Stern Grove	1,500	7,420	8,920
Joseph Lee Day	989	-	989
3 UNESCO Programs	190	500	690
90 Christmas Programs on individual grounds	9,000	10,000	19,000
350 Programs on grounds during year--special days, Halloween, Thanksgiving, Valentines, Columbus Day, Easter, Washington's & Lincoln's Birthdays	26,000	35,000	61,000
Silver Tree Camp Community Singing	9,835	1,400	11,235
Christmas Carols at Union Square 4 nights	1,015	800	1,815
Girls Choir Women's City Club Christmas	50	425	475
2 Concerts at Norse Auditorium by Recreation Symphony Orchestra	160	1,100	1,260

Personnel:

1	-	R106c Supervisor of Music	
1	-	Orchestra Conductor - R56 (PT)	$79.50
1	-	Librarian for Orchestra	79.50
6	-	Pianists R56 (PT)	79.50
9	-	Pianists $2.50 per call, as needed.	

The pianists: 1) Conduct singing and rhythm band classes on 42 playgrounds; 2) play for folk dancing, ballet classes and circle games on playgrounds; 3) accompany for special programs on and off playgrounds; 4) accompanist and librarian for Recreation Symphony Orchestra; 5) attend "Workshop" sessions to improve techniques and study new material. The Music Department furnishes pianists for the singing and dancing classes on the playgrounds.

ANNUAL REPORT

1956-1957

THE SAN FRANCISCO ZOOLOGICAL GARDENS

Attendance at the Zoological Gardens seems to have increased a little with about 2,000,000 visitors during the past year. It is interesting to note that a little over half of this attendance is represented by people from outside of San Francisco, thus indicating a tremendous attraction to tourist trade.

Several important improvements have been made in maintenance operations including replacement of glass in the Aquatic Aviary, painting the inside of the Pachyderm and Lion Houses and some other activities which are being reported by the Engineering Division.

A number of exchanges of specimens have been made with little expense to the department, thus enabling an improvement of the collection without expense.

This year's allotment of money for fence replacements, construction of new quarters for the giraffes, etc., marks a real improvement and will allow a more satisfactory exhibition of animals with less maintenance expense.

The present drawing of a master plan for the zoo will allow a more intelligent and less expensive approach to future development and maintenance.

Following up activities which will undoubtedly be outlined by this master plan, it will be necessary to plan for needed enlargement of the present area. Eventual changing of Skyline Boulevard and development of the Fort Funston area will be an answer to this need, which is important if San Francisco is to maintain a zoological exhibit in keeping with its size and comparable to that of other cities. Additional quarters for primates and birds will doubtless need attention in next year's budget.

The allotment of more money for needed work and the intelligent cooperation of various divisions has helped the zoo to make real improvements in the last year.

ANNUAL REPORT

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DIVISION OF PARKS

1 - Buildings, Grounds, Small Parks Squares
2 - Maintenance, Golden Gate Park
3 - Strybing Arboretum
4 - Conservatory
5 - Nurseries
6 - Roads and Paths
7 - Golf Course Maintenance

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1 - BUILDINGS, GROUNDS, SMALL PARKS, SQUARES

Library Units - In addition to general maintenance, numerous trees and shrubs were replaced and lawn areas rehabilitated.

War Memorial and Opera House - General maintenance.

Watchman Service - The efficiency of the personnel has greatly improved in the past year. Close relationship with the police department personnel has contributed to this.

Union Square - In addition to the beautiful floral display of bedding plants, tulips, etc. the rhododendron show held in conjunction with the Downtown Association was exceptional. The usual Christmas trees and decorations were displayed. Activities and functions of many types were held within the square.

Sigmund Stern Grove - General arrangements, including floral displays were provided for numerous concerts.
The turf area was rehabilitated during the winter season.
Putting greens on the Sloat Boulevard side of grounds were rehabilitated and additional turf area was constructed on the west end of grounds adjacent to private homes. This area was formerly used for archery.
In the Wawona Street section an area was set aside for a seed nursery which will provide material for field rehabilitation.

Pine Lake - Improvements being made under contract.

Mt. Davidson - Preparation for Easter Services required forestry and trail clearing and eradication of poison oak.

St. Mary's Square - This area displayed flower arrangements throughout the season with bedding plants and tulips.

Huntington Square - Sand boxes were installed and the surrounding area was relandscaped.

M. S. Hayward Boys' - It was necessary to relandscape this area in its entirety. Slopes formerly covered with ivy were replaced with grass greatly improving the use of this area.
Two softball diamonds were rehabilitated.

Phelan Beach - Considerable sand was hauled and applied to beach, greatly improving same. The areas on the east and west of buildings were improved by turfing and planting. The east side now provides lawn area for bathers. Native plant material was planted on the slope areas.

Upper Noe - One softball diamond constructed and low spots in field area raised.

Hamilton - Landscaping around building and grounds completely replaced. Softball diamond reconstructed.

Balboa Park - Four baseball diamonds rehabilitated and soccer field diamond on southwest corner had to be raised considerably due to settlement. Upon completion of soccer games, field was reconditioned.

Coit Tower (Telegraph Hill) - Numerous trees and shrubs planted throughout area.

Aquatic Park - Decorations in conjunction with Columbus Day activities.

McCoppin Square - Landscaping throughout grounds and newly constructed apparatus and mothers' area.

Kezar - Preparation of running track for season. Football field rehabilitated upon completion of season.

Camp Mather - Lake area - sand reclaimed from small lagoon and stock piled; weed control of lake area particularly in swimming section. Lawn area - rehabilitation as required, many shade trees and other plant material planted throughout the camp area.

Fall and spring preparations of cabins cared for (floor scrubbing, refinishing, etc); forestry and general ground clean-ups; mosquitoes and poison oak controlled by spraying.

Apparatus and Tanbark areas - Very little tanbark was available, therefore it was necessary to provide sand which is not satisfactory.

Sand Boxes - All boxes were serviced continually throughout the year.

Turf Areas - All units received aerating and fertilizing as programmed. Weed control program was not completed due to lack of material- will be continued throughout next year.
Weed control of obnoxious weeds, such as poison oak, was programmed and completed at Mt. Davidson, Glen Park Day Camp, Sigmund Stern Grove, Pine Lake area, Sunset Heights.

Landscaping - An extensive landscape rehabilitation program was undertaken. Trees and shrubs that have been destroyed or dried out were replaced and new areas created wherever possible to improve general appearances. Approximately 350,000 square feet of sod was handled during the reconstruction of baseball diamonds and other recreational areas.

All baseball diamonds given the usual grooming, and in addition, many were completely reconstructed due to wear and tear. Hundreds of cubic yards of loam were provided to care for erosion. Many tons of river sand were applied to loamed areas to provide for dust control and better surface drainage.

Plant Material - The following list of plant materials furnished:

Trees	4,084
Shrubs	11,835
Annuals	38,400
Bulbs	11,000

Miscellaneous -

Vines (Ground Covers)..	2,469

2 - MAINTENANCE - GOLDEN GATE PARK

The responsibility of this section is the maintenance of Golden Gate Park, Panhandle, Presidio Parkway and Mountain Lake Park, Great Highway, Sutro Heights, Land's End, Palace of Legion of Honor, San Francisco Zoo and Fleishhacker Playfield.

In addition to the regular routine maintenance work of clean-up, watering, weeding, pruning and related tasks, every available man-day is devoted to redeveloping and rehabilitating areas worn out from heavy use or unsightly because of auto damage, vandalism, storm damage and old age.

Section One - Panhandle

Rebuilding lawns worn out by heavy play	2,300	square feet
Regrouping of shrubberies - large plants	150	" "
Edging roads and paths	16,250	" "
Flower beds - preparing and planting	350	" "

Section Two - Children's Quarters - Relandscaped large areas along Stanyan Street between Page and Oak Streets. Removed 10 very large Cypressus macrocarpa that were becoming dangerous. Moved 50 large standard Fucshia plants and added 60 new ones. Planted a 35 foot Copper Beech and five specimen Magnolia Trees. Replaced 4,000 sq. ft. of sod. Regrouped very large Rhododendrons and added 25 Griselimia littoralis. This work has greatly improved the area.

Section Two - Children's Quarters (Contd.) -

The west end of the Third Avenue athletic field was overhauled. Large dead Acacia was dug out, several shrubs were moved, 25 Hebe imperialis were added, as well as 70 square feet of lawn.

Five hundred assorted trees and shrubs were added to existing plantings.

Section Three - Conservatory Valley - The planting of the large flower beds required 20,000 Tulip Bulbs and 26,000 Annuals for the fall planting and 20,000 Annuals for the spring planting.

Ten floral designs were conceived and planted, requiring 210 man-days of labor and 140,000 plants.

The organizations or events honored were:

G.C.P.	August 15, 1956
Lowell High	October 1, 1956
Eastern Star	October 14, 1956
California Adult Education	October 22, 1956
Christmas	November 27, 1956
Chinese New Year	February 1, 1957
Catholic Charities	February 10, 1957
Knights of Columbus	May 10, 1957
Lion's Club	June 22, 1957
Elk's Club	June 30, 1957

Five hundred Dahlia plants were divided and replanted. One hundred and fifty Fuchsias were added or replaced in the Fuchsia Garden. Five hundred and thirty shrubs and perennials were used.

Lawn areas of 6,700 square feet have been cleared and prepared for fall planting.

Section Four - Big Recreation Field - Started a new Dwarf Conifer Garden in the De Laveaga Dell to accommodate the extensive collection propagated by nursery staff. An area of 20,000 square feet was cleared of Blackberry and Ivy and was covered with 500 yards of loam. Planting was started with 300 conifers and will be continued this fall.

The ball diamonds required 4,000 square feet of new sod and 11,000 square feet were sown in the area. The 1½ acre area behind the bleachers was graded and moved into a rough lawn. Final planting must wait for sufficient loam.

The John McLaren Memorial Rhododendron Dell had 1,500 Azaleas and Rhododendrons added to the collection. A thousand assorted shrubs were planted through the section.

Section Five - Band Concourse - Landscaped new enclosed garden at west end of the De Young Museum using 113 shrubs and 2,150 square feet of Ajuga and Sedum Ground Cover. Outside of the fence another 55 shrubs provide a windbreak.

A total of 43,900 Annuals were used in the spring and fall plantings at the Music Concourse, Aquarium, Shakespeare's Garden, etc. New lawns on Middle Drive totaled 2,110 square feet. Old Borders dug and reseeded 535 square feet.

Shrubs for old hedge Aquarium Drive	79
Shrubs by underpass Aquarium Drive	85
Shrubs across from Tea Garden	73
Shrubs back of Bandstand	225
Shrubs Middle Drive	30
Shrubs Middle Drive and Museum Drive ...	130
Shrubs, conifers and Azaleas in Tea Garden	353

Section Seven - Stow Lake - Overhauled Stow Lake slope on South Drive opposite the Arboretum. Planted 18 Pines, 200 Acacia and 36 Escallonia. A bed of 165 Veronica Imperialis was established on South Drive. Around Stow Lake 68 shrubs were used and 54 Hydrangeas at the Log Cabin. Other areas used 6 Conifers, 225 assorted shrubs.

Section Eight - Elk Glen - The Japanese Cherry Grove around Elk Glen Lake was supplemented with 58 seedling cherry trees grown from the seeds donated by the Japanese school children. In addition 263 other trees, 1,776 shrubs, 915 perennials and 15,500 annuals were added to borders throughout the section. Lawn renovation, 4,500 square feet.

Section Nine - Spreckels Lake - A new dog training field was established in this section behind the Buffalo paddock. The project used 300 yards of loam and 600 yards of sludge and planted 70,000 square feet of lawn. This area is very popular with the public and is being used frequently.

The football field in the Old Stadium took 12,000 square feet of replacement of sod, and the Speedway Meadows had 2,000 square feet of lawn added.

Bedding plants totaled 4,600 for the two seasonal plantings. 1,796 shrubs and trees were planted at the Angler's Lodge, Lloyd Lake and elsewhere on the section.

San Francisco Zoo and Fleishhacker Park - Considerable landscaping in the modernized old section of the Zoo was planned for color and 1,234 shrubs and perennials were planted. The flower beds required 19,200 annuals for the fall and spring plantings. Lawn plantings in various areas totaled 7,800 square feet.

San Francisco Zoo and Fleishhacker Park (Contd.) - In addition to the above detailed plantings, considerable planting was accomplished on the remaining areas of a replacement nature and too scattered to be noted. The total plant material used during the fiscal year 1956-1957 was as follows:

1,572	..... Trees
15,316	..... Shrubs
270,760	..... Annuals
2,643	..... Vines and Ground Covers

Each of these plants required much preparation of soil, addition of sludge, peat, manures and fertilizers.

Section Eleven - West End - The work here was concentrated on the lawn borders and the Beach Chalet Soccer Field. Reseeding and resodding totaled 8,800 square feet and 735 square feet were planted to Mesembrianthemum edule. Fifty new trees and 220 shrubs were added to existing plantings.

3 - ARBORETUM - The Strybing Arboretum has catered to the local garden enthusiast, as well as the tourists, by growing within a relatively small enclosed area the many species that this favorable climate allows. Visitors from the bay area thus may see plants that can be grown here and some, perhaps, have been encouraged to adopt a hobby that could be healthful and is relaxing. The tourist sees flora that is entirely foreign to him, adding just another tale of "California Wonders" when he returns to his home.

During the year numerous garden groups were conducted on tours of the garden. Descriptive notes were posted as the more interesting and unusual plants bloomed, giving a history of their introduction and recommended uses. Tree work was started to alleviate an overgrown condition of the plantings.

4 - CONSERVATORY - CONSTRUCTION AND REPAIRS -

Replaced packing on Spray Pump Shaft
One Bench in Rose House Rebuilt
One Bench in Lath House Rebuilt
Repaired one Motorized Valve on Heating System

New Construction -

Domestic water line installed in all houses, except Lath House, Orchid and Rose Houses; replaces old Park Water Line

4 - CONSERVATORY (CONTD.) - MAJOR FLOWER EXHIBITS -

2,000	Cyclamen in 7" Pots - January 1st - March 15th
800	Cineraria in 8" Pots - March 15th - April 30th
400	Easter Lillies in 6" Pots - Easter
600	Calceolaria in 7" Pots - May 1st - June 1st
300	Schizanthus in 8" Pots - June 1st - July 1st
2,000	Begonia Tuber Hybrida - in 8" Pots - July 1st-September 15th
1,200	Chrysanthemum in 8" Pots - September 15th - December 1st
400	Poinsettia in 6" Pots - December 1st - December 31st

Minor Exhibits

200	Gloxinia in 6" Pots
250	Lobelia in 4" Pots
200	Amaryllis in 6" Pots
250	Coleus in 6" Pots
1,500	Orchids - Keep a constant display of blooms in ground case throughout the year

An average of 10 Kentia Palms, 8 - 10 feet in tubs, are loaned out for decorative purposes, for special events throughout the City.

1	Large Ficus Pandurata removed from Hibuscus House and replaced with smaller specimen
1	Large Cycas Circinalis removed from Crozon House and replaced with smaller specimen

New Plant Material Received

1	Orchid - C. Mossiae X C. Cicas in 6" Pot
1	Orchid - L. C. Cantabile Alba in 6" Pot
1	Orchid - C. Armainrillionse X C. Labiata in 5" Pot
1	Orchid - C. Enid X C. Dowiana in 5" Pot
1	Tupidanthus Calyptratus in 8" Pot
1	Pellaea Rotundifolia in 4" Pot
1	Polypodium Mandaianum in 6" Pot
2	Ficus Macrophylla in 5" Pot
2	Santalum Album in 4" Pots
2	Peltophorum Ferruginea in 4" Pots
1	Zamia Ingegrifolia in 2-1/2" Pot.
1	Marcozamia Spiralis in 3 Gallon Can

Attendance was good throughout the year and extremely heavy during Begonia, Chrysanthemum and Cyclamen Exhibits.

Conducted tours were arranged for school and college groups, Garden Clubs in Bay Area, and a special tour for approximately 100 employees of the Oakland Park Department.

NEW PLANT MATERIAL RECEIVED (CONT'D.) *

Greyline Tours make the Conservatory a regular stop on their tours, July through September.

The Main Exhibit Building is in poor condition and is in need of extensive repairs, which should be planned for the near future.

5 - NURSERIES - The general condition of the buildings at the Golden Gate Park Nursery is good. However, the greenhouses are badly in need of painting, glazing, and puttying. This item was submitted in the 1957-1958 Budget, but was deleted. The fence around the Nursery is, for all practical purposes, non-existent. An item has been included in the last six or seven budgets for fence replacement but has been eliminated each time. The request will be resubmitted in the next budget. During the last fiscal year, a new irrigation system, mist system, and soil sterilization system has been installed, completing the modernization of Nursery practice.

The greenhouses at Balboa Nursery are in poor shape with many rotten sections. This condition is deliberately tolerated since the houses will be destroyed within the next year or so when the southern freeway is built. All other buildings on the Balboa property are in good condition. The replacement of these buildings at McLaren Park should be accomplished as soon as possible so there will be no lapse of service and supply from this operation.

Except for the old (18 years) Vaughn tractor, all of our equipment is in good operational condition. A replacement item for the Vaughn tractor was submitted in the 1957-1958 budget but was not allowed. The item will be resubmitted in the next budget.

Flowers have been provided weekly for City Hall offices. The The Mayor's offices and the Supervisors' Chambers were decorated each week. Flowers were also provided for civic welcomes in the rotunda of the City Hall. May Day Celebration and the Sigmund Stern Grove programs.

MATERIAL DELIVERED

Trees	5,913	
Shrubs	27,909	
Annuals	306,924	
Vines, Ferns, etc.	5,112	
Bulbs	24,550	
Flowers, Cut Bunches	8,962	
Fertilizer	37.6	Ton
Grass Seed	1,915	"
Tying, Twine	218	"
Used Sacks	280	

6 - ROADS AND PATHS - This division, under the direction of a Supervisor of Construction, is responsible for the maintenance, construction and reconstruction of the roads and walks of the Department, as well as the grading of areas for landscape work. The crew performing this work is comprised of 1 Labor Foreman, 16 Laborers, 24 Chauffeurs and 1 Engineer of portable engines. The equipment used includes a caterpillar tractor, a metor patrol road blade, a road roller, bitumal spreader, aggregate spreader, 2 International Farm Tractors, tractor loader, bucket loader, Ford-Ferguson Ranch-all, and a fleet of trucks and tractor mowers.

Special jobs beyond the regular maintenance during the year were as follows:

Pathwork - Graded and Paved - New Paths at Big Rec, Golden Gate Park, Excelsior Playground, Balboa Fieldhouse; new roads, 41st Avenue, Golden Gate Park, new parking area; enlargement, Pitch & Putt.

Regraded the following areas:

Lake Merced, after earthquake in March, used rock fill to replace shoreline, bridlepath and entrance road
Zoological Gardens - regraded and paved all areas where trees were removed from pedestrian area
Golden Gate Park - graded and loamed area for training dogs
Harding Park - removed trees, and graded area near clubhouse for a driving range
Palace Fine Arts - regraded for path extension at Lagoon
Herbert Fleishhacker Pool Area - regraded area south of pool for crippled children's barbecue and built paths in same area
Trees Moved - Yews - Civic Center to Nursery
The Reservoir on Strawberry Hill
The Fly-casters Pools and all catch basins and drain pipes in Golden Gate Park's roads drainage system were cleaned
One mile of fence post set along westside of Great Highway; sand hauled to all the sand-boxes in play areas; lawn areas of parks and squares cut by fleet of five tractor mowers
Sand grade at beaches kept under control by the tractors at Ocean Beach, Phelan Beach, Yacht Harbor, and Aquatic Park Beach, and 10,000 yards of sand removed from beach under contract
A considerable part of the wild area of Golden Gate Park disked by tractor
Sharps Park and McLaren Park had their yearly fire trail reestablished with the tractor

7 - GOLF COURSE MAINTENANCE

Sharp Park Golf Course

Tees - All tees top-dressed two times; tees resodded as needed; several tees rebuilt and resodded.

Greens - All greens mowed three times weekly; cups and tee markers changed and sand traps raked daily. Greens top-dressed and fertilized; all greens spiked for aeration and drainage; sand traps weeded and reshaped.

Fairways - Tees and greens watered as needed; fairways and tees regularly cleaned of weeds and rubbish.

General - Janitorial service provided for clubhouse and rifle range convenience station. Rifle Range mowed, watered and maintained; ditches drained, cleaned and maintained. Archery Course cleaned and maintained; numerous trees planted for windbreaks; shrubs pruned and 150 Cypress Trees planted along south boundary of Golf Course.

Harding Park Golf Course

Tees - Rebuilt and improved 18th tee; all tees resodded; all tees spiked two times and top-dressed three times; several tees reshaped.

Greens - All greens spiked for aeration and water penetration four times, fertilized and top-dressed three times; all greens treated for fungus disease when needed; greens mowed three times weekly; all sand traps shaped and maintained.

Fairways - All fairways treated with 2-4-D for daisies and weeds with sandy loam for divot damage; fairways raked and cleaned of leaves and debris regularly; all trees along fairways limbed for faster play.

New Driving Practice Range - New range completed and now in use; 35 large trees removed for this project; area seeded and maintained.

General - All paths and roadways cleaned and maintained, all shrubs pruned and all roughs on the course mowed and maintained for faster play.

Lincoln Park Golf Course

Tees - All tees spiked and top-dressed two times; two ball washers replaced on 6th and 9th tees; all tees and aprons of greens resodded due to excessive wear.

Lincoln Park Golf Course (Contd.)

Greens - All greens mowed three times a week; greens spiked and fertilized three times, top-dressed two times; sand traps re-shaped and maintained; all greens treated for fungus two times; practice putting green enlarged.

Fairways - Each fairway spiked once; trees along fairways limbed for faster play; thousands of yards of fill still being hauled in by contractors to maintain third fairway; fertilized 8th tee and fairway for Examiner "Hole-in-One" Contest; fairways treated for weeds and daisies.

General - Constructed two new drainage sumps for better drainage; rebuilt and maintained both ways for golfers; pruned hedges along Clement Street and trees and shrubs along El Camino Del Mar; planted 100 Cypress Trees throughout Golf Course and raised sod around sprinkler heads which had sunk due to settling of soil around them.

Golden Gate Park Golf Course

Tees - Rebuilt and resodded tees.

Greens - All greens watered and mowed, spiked and fertilized; 1st and 7th greens reconstructed; resodded and pruned around greens to correct damage caused by carts and foot traffic. Treated green for fungus disease.

Fairways - All fairways cleaned regularly and sprayed for weeds and daisies.

General - Constructed several drains on lower areas for better drainage; planted 75 Cypress Trees throughout course. Janitorial services provided for clubhouse on Saturdays and Sundays.

ANNUAL REPORT

1956-1957

DIVISION OF STRUCTURAL AND MECHANICAL REPAIR

1 - Construction Maintenance
2 - Equipment Operation and Maintenance
3 - Water Reclamation Plant
4 - Interdepartmental Work Orders
5 - Repair, Reconstruction, Capital Expenditures

1 - CONSTRUCTION MAINTENANCE

During the fiscal year 1956-1957, 3,590 work requisitions were completed which represents an 8% increase over 1955-1956 and 18% over 1954-1955.

The Bond Fund Programs of expansion and development of additional properties and facilities in the department have greatly increased the demand for maintenance and repair services; also, a greater demand by the various expanded activities is requiring more support for their planned programs at the expense of attention to the minor repair work. This condition is reflected in our budget requests for special appropriations for maintenance and repair items previously attempted by the staff, and budget requests for additional personnel and materials and funds for supplies.

The addition of one plumber to the staff has greatly facilitated maintenance of the plumbing facilities. However, the backlog of work in the plumbing shop is 97½ man days.

The contracting of the electrical servicing on the Kezar Stadium floodlights has not proved satisfactory. The close contact between the mechanic and supervisory staff is lost in this method of handling maintenance work with the final result of increased costs and unsatisfactory maintenance repair.

The electrician's shop has a backlog of 85 man days of work, nearly a 100% increase over the previous year at this writing. With the allowance of an additional mechanic (electrician) the servicing of Kezar and the Department could be well maintained.

The demands for carpentry work have increased to a backlog of 245 man days which is considerably more than indicated in last year's report. For the efficient direction of the crew of seven carpenters, a foreman should be provided. The above backlog of work would be soon absorbed under closer supervision.

The temporary appointment of an additional ornamental iron worker was obtained for the last two months of the fiscal year with very satisfactory results in the increased amount of repair work accomplished. A permanent employment in this category is greatly needed. The Zoo properties, which are greatly in the public eye, show the great need for simple repair work. Supporting labor for

the mechanics is very inadequate.

Work of the painting crew, under a foreman painter has been spread over many minor jobs throughout the department, the major work being listed as follows:

1. Sharp Park Club House interior.

2. Sharp Park Rifle Range Club House and benches and tables.

3. Aquatic Park (Senior Citizens) ground floor.

4. Kezar Pavilion and Stadium dressing rooms.

5. Mothers' Building: Paint floors, walls and furniture.

6. Stern Grove lavatories, benches, stage.

7. Golden Gate Park benches, bandstand benches.

8. Herbert Fleishhacker Pool Area: Pump House convenience station, benches and bleachers.

9. San Francisco Zoo: Paint benches throughout area.

10. Herbert Fleishhacker Playfield: Benches, play apparatus, candy booth and cable car.

This crew is not large enough to cover the demand for work to be done. Major-sized jobs will continue to be budgeted.

Repair activities were spread over 132 units of the Recreation and Park properties, major work being done on the following locations:

1. Aquatic Park: In preparation for roofing contract on 3rd floor deck, the sheet metal shop repaired and rebuilt where necessary all ventilators and grille work. The concrete curbs and handrails also required major repair previous to the contract.

   Painting of men's and women's locker rooms, toilets and showers, the Pent House interior, and craft rooms of the Senior Center were accomplished.

2. Camp Mather: Two weeks' previous to the opening of camp a staff of 15 mechanics with general foreman were assigned to repair as required and make minor improvements to the facilities at Camp Mather. In addition, several weeks' previous to the trip such work which can best be accomplished in the shops was completed and transported to camp for installation by this crew. This policy has brought the camp up to a much higher point for efficient operation and satisfaction of the guests and operating staff.

3. Recreational Arts Building (A New Unit): Considerable time was required of the construction division in moving the Photography Center to new quarters in Duboce Park. This entailed the refinishing of the furniture, stenciling of all equipment, new furniture, signs, etc. Installation of new equipment and provision of shelving, duck boards, etc., to make the facility operable.

4. Eureka Valley Center: This is a new unit. Charged against this unit we have 68 work orders estimated to require 34 man days of mechanic's time, not budgeted.

   Each new unit, as it opens, further depletes the available staff time for maintenance repair work, to the end that all the properties show lack of proper attention to maintenance.

5. Golden Gate Park Tennis Courts: 600 steel, sectional bleacher seats were moved from their temporary location at the Balboa Soccer Field and set up permanently at the Golden Gate Park Tennis Courts.

6. Huntington Square: A "tiny tots" play area was developed and play equipment installed in the north side of the square.

7. Kezar: Ticket counters, booths and cashier cages were constructed in shops and installed at Kezar offices for the use of 49ers and Shrine. Additional drainage was provided for Kezar track; old sewers and pumps were improved and rehabilitated. Improvements were made at several of the Kezar Gates and interior stairways for handling of the crowds. Fences and guard rails in the stands were removed for the Shrine Game and reinstalled for 49er Football.

8. Lake Merced: Re-established water, gas and sewer service to Harding Park after severe earthquake of March 22, 1957. The large foot-bridge from the club house to Sunset Boulevard was completely demolished by the quake and will need considerable budget funds for replacement. The entrance of Harding Road at Skyline Boulevard was reconstructed after the quake by the department crews.

9. Marina Convenience Station: This facility was completely renovated in conjunction with a formal contract for major alterations.

10. Mission Pool: Leaks developing around the pool after the March 22, 1957 earthquake required the removal of a large section of the pool deck. Additional drainage and repair was provided and new pool deck replaced as required. Major repairs were made in the dressing rooms to eliminate rotten timber and framing due to many years of a faulty roof. The roof was replaced by contract, new water heater installed by contract and necessary painting of locker rooms and pool area completed.

11. Potrero Hill Center: Due to the terrific vandalism of this building, it was necessary to completely remove the 20'x80'

skylight over the gymnasium, and to deck and roof over the area.

12. Sharp Park: Many breaks developed in the irrigation and domestic water systems and funds must be provided in the budget for replacement.

    Considerable fire damage to the Golf Club House required extensive repair to electrical work, plastering, painting and roofing.

13. San Andreas Pumps (Sharp Park Water Supply): New controls were installed on the irrigation pumps at San Andreas Pump Station to insure against further repetitive breakdowns.
    These pumps are proving inadequate to supply the increased demand for water at the County Jail #2, the Water Department chlorinators, U. S. Government installations and the Sharp Park Golf Course. Budget Funds must be provided to increase the pumping capacity at this station.

14. Yacht Harbor: Reconstructed four header floats using "Sterofoam Logs" for buoyancy.

15. Special Events, included Christmas Display at Union Square, Giant Tree and Lindley Meadow Shepherd Scene, Golden Gate Park; May Day Show at Kezar; Photography Show Carnival and Summer Festivals at Stern Grove. Eight Carnivals were set up in the various Playground Centers.

16. The Shops provided for various activities: Music Racks, "Ping Pong" Tables, Kick-Boards for swimming instructions, and installation of all playground equipment.

    All new benches were assembled and old benches repaired.

Distribution of Miscellaneous Repairs and Services

The distribution of miscellaneous repairs and services is reflected in the following list of properties upon which the indicated number of request work was done during the Fiscal Year, 1956-1957:

ALAMO SQUARE	40	GRATTAN	6
ALTA PLAZA	38	GREAT HIGHWAY	48
APTOS P.G.	13	HAMILTON	68
AQUATIC PARK	42	HARDING CAFE & GOLF CS.	44
ARGONNE P.G.	16	HAYES VALLEY REC. CTR.	8
BALBOA PARK	41	HAYWARD, MGT. P.G.	41
BAY VIEW P.G. & PK.	5	HOLLY PARK	13
BERNAL P.G. & PK.	18	HUNTER'S POINT	33
BOAT RAMP	1	HUNTINGTON SQUARE	11
BUENA VISTA PK.	8	JACKSON P.G.	14
CABRILLO P.G.	15	JEFFERSON SQUARE	13
CALIF. PAL. L. HONOR.	1	KAHN, JULIUS P.G.	23
CAMP MATHER	14	KEZAR, S. & P.	124
CAYUGA P.G.	13	LAFAYETTE SQUARE	27
ALICE CHALMERS P.G.	22	LAKE MERCED	11

CHINESE P.G.... and
NEW CHINESE REC. CTR.... 21
CIVIC CENTER..... 5
CLEMENT TENNIS CTS..... 12
COIT TOWER..... 17
COOLBRITH PARK..... 1
COW HOLLOW P.G..... 13
CROCKER-AMAZON P.G..... 10
DOLORES ST..... 1
DOUGLASS P.G..... 31
DUBOCE SQ. & REC. ARTS
BLDG..... 27
DRAMA WORKSHOP..... 12
EQUIPMENT..... 35
EUREKA VALLEY P.G..... 68
EXCELSIOR P.G..... 21
FLEISHHACKER P. BLDG. &
POOL..CER. PALSY CTR... 157
FOLSOM P.G..... 15
FRANKLIN SQUARE..... 13
FULTON P.G..... 18
FUNSTON P.G..... 38
GARFIELD SQUARE..... 17
GILMAN P.G..... 8
GLEN PARK P.G..... 31
GOLDEN GATE PARK..... 539
ARBORETUM..... 24
BIG REC..... 12
CHILDREN'S P.G... 41
CONSERVATORY..... 23
GOLF COURSE..... 19
MISCELLANEOUS.... 191
NO. SECTIONS..... 106
NURSERY..... 29
PANHANDLE..... 13
POLO FIELD..... 19
TEA GARDEN..... 12
STOW LAKE AREA... 13
STRAWBERRY RES... 4
TENNIS CTS..... 33

LARSEN PARK..... 24
LAUREL HILL..... 17
LEE, JOSEPH CTR..... 28
LEVI STRAUSS P.G..... 18
LINCOLN PK. & G.Cs..... 32
MARINA PK..... 14
McCOPPIN SQUARE..... 25
McKINLEY SQUARE..... 4
McLAREN LODGE..... 44
McLAREN PARK..... 12
MERCED HEIGHTS P.G..... 23
MICHELANGELO P.G..... 8
MIRALOMA P.G..... 24
MISSION PK..... 16
MISSION P.G. & POOL.... 55
MONUMENTS & MEMORIALS.. 2
MOUNT DAVIDSON..... 16
MT. LAKE PARK..... 48
MURPHY P.G..... 21
NOE VALLEY TENNIS CTS.. 14
NORTH BEACH P.G. & POOL 66
OCEAN VIEW P.G..... 39
PALACE OF FINE ARTS.... 35
PARK PRESIDIO DRIVE.... 19
PARKSIDE SQUARE..... 16
PEIXOTTO P.G..... 34
PHELAN, JAS. D. BEACH.. 39
PHOTOGRAPHY CENTER..... 14
POINT LOBOS..... 1
PORTOLA P.G..... 19
PORTSMOUTH SQUARE..... 4
POTRERO HILL P.G..... 45
PRECITA PARK..... 1
PRESIDIO HTS. P.G..... 7
RANDALL, JOSEPHINE D.
JUNIOR MUSEUM..... 15
RICHMOND..... 35
ROCHAMBEAU P.G..... 15
ROLPH, JAS. JR. P.G.... 12
ROSSI P.G..... 28

ST. MARY'S P.G..... 59
ST. MARY'S PARK..... 4
SERRA, JUNIPERO P.G..... 8
SHARP PARK (S.M.Co.)..... 48
SHOPS..... 65
SILVER TERRACE P.G..... 31
SOUTH PARK..... 5
SOUTH SUNSET P.G..... 14
STATES ST. P.G..... 5
STERN, SIGMUND GROVE,
ANNEX & WAWONA 135
SUNNYDALE CENTER..... 3
SUNSET HTS. PARK..... 4
SUNSET P.G..... 50
SUTRO HTS..... 6
UNION SQUARE..... 14

UPPER NOE (VALLEY) P.G.....	10
VISITACION VALLEY P.G.....	8
WASHINGTON SQUARE.....	10
WATER RECLAMATION PLANT....	16
WEST PORTAL P.G.....	9
WEST SUNSET P.G.....	50
WILLS, HELEN P.G.....	17
YACHT HARBOR.....	27
ZOO.....	149
INTERDEPARTMENTAL WORK ORDERS.....	73
GRAND TOTAL	3,590

2 - EQUIPMENT OPERATION AND MAINTENANCE

The staff of operating engineers is regularly assigned each week as follows:

7 days	-	Hamilton and North Beach Pools
7 days	-	Aquatic Park and Playfield
7 days	-	Herbert Fleishhacker Bathhouse
6 days	-	San Francisco Zoo Area
5 days	-	Herbert Fleishhacker Heating Plant and Pump Station
5 days	-	North and South Mills, Golden Gate Park (2)
5 days	-	Recreation Centers, Maintenance Truck
5 days	-	Water Works, Pump Station
During Irrigation Season April 15 to October 15 — 5 days	-	Second Shift, Water Works, Pump Station
In Season, June 1 to October 1 — 5 days	-	Camp Mather

Aquatic Park: Reconditioned Ray Oil Burners on steam boilers. Made repairs to buildings and equipment and maintained schedule of operation for heating and ventilation of buildings and supplying hot water seven days per week.

Balboa Nursery: Reconditioned old refrigerator box from Zoo Restaurant and put same into service.

Conservatory: Reconditioned chemical spray apparatus. Overhauled motorized valves and thermostats, maintained heating plant.

Camp Mather: Renewed bearings and cleaned and insulated coils on ice machine motor. Operated and repaired equipment of refrigeration, water, and sewage systems during camp season. Requisitioned and provided supplies and repair parts for equipment as needed. Winterized all equipment and installations for off season.

Chinese Recreation Center: Removed, repaired and reinstalled safety valves on #1 and #2 boilers. Assisted contractor in Durolining 750 gal. hot water tank.

Joseph Lee: Removed, repaired and reinstalled safety valves on #1 and #2 boilers. Assisted contractor in Durolining 750 gal. hot water tank.

Ocean View: Overhauled gym circulating pump and renewed motor bearings on same. Assisted contractor in installing new hot water system to fieldhouse and in Durolining 750 gal. hot water tank.

St. Mary's: Renewed motor bearings and reconditioned 2 recirculating pumps. Assisted contractor in Durolining 750 gal. hot water tank.

Junior Museum: Installed new brick burner throat in #1 boiler. Assisted contractor in Durolining 1,000 gal. hot water tank.

Sunset Recreation Center: Overhauled recirculating pumps and renewed motor bearings in 2 motors.

Potrero Hill Recreation Center: Overhauled recirculating pumps.

Portola Recreation Center: Overhauled Ray Oil Burners on #1 and #2 boilers to be able to keep operating until new gas firing system is installed.

Glen Park Recreation Center: Overhauled Ray Oil Burner and motorized valves on steam heating system to keep operating until extensive repairs are made on these steam heating and ventilating systems.

Funston Recreation Center: Assisted contractor in reconditioning Rudd gas hot water heater and installing new Durolined domestic hot water tank.

Herbert Fleishhacker Bathhouse: Renewed fuel oil lines and cleaned out underground fuel oil tank. Put into operation 4 gas firing heating and ventilating units in shower and locker rooms. Reconditioned two large hot water mixing valves.

Eureka Valley Recreation Center: Assisted Engineering Department in having contractors fulfill one year's guarantee on equipment.

Sigmund Stern Grove: #2 sewer pump motor rewound and reinstalled. Reconditioned 300#-3" Bailey water pressure regulator.

Kezar Pavilion: Removed and reconditioned water-back hot water heating units in #1 and #2 steam boilers. Renewed 2 leaking tubes in #2 boiler. Renewed boiler room hot water piping and revised condensate water return system.

Kezar Stadium: Assisted contractor and Board of Public Works in cleaning field drainage system and drainage water sump vault. Extended shafting on sump pump to provide lower suction. Overhauled sump pump.

Administration Building: Installed new motorized valve on upper floor radiant heating.

McLaren Lodge Building: Overhauled recirculating pumps.

Cabrillo Comfort Station: Removed motor and ventilating fan from men's side to make way for installation of new equipment. Removed unit beyond repair.

Lincoln Golf Course: The new automatic water sprinkling system has been partially installed. Personnel have been trained in operation of new automatic controls. When installation of automatic sprinkling system is completed present operating troubles should be eliminated.

Harding Golf Links, Club House and Cafe: Repaired refrigeration equipment. Renewed some steam heating supply and return lines. Made boiler repairs on leaking stay bolts. Old well pump for irrigation was removed and new pump installed by contract. New electric power feeder lines replaced burnt-out feeder lines to Lake Merced booster pump.

North and South Training Quarters: Heating, ventilating and hot water systems repaired and modernized as well as old oil burning equipment will allow.

Herbert Fleishhacker Locomotive: Renewed tubes in boiler of miniature train locomotive and maintained running repairs. This miniature locomotive requires considerable repairs because of constant use.

Hamilton Pool and Recreation Center: Changed position of chemical feeder lines to improve operation. Personnel trained at Hamilton Pool in preparation for operation of future pools.

Mission Pool: New hot water tank and reconditioned steam boiler installed.

Phelan Beach: Various changes made in equipment to facilitate operation.

North Beach Pool: Placed in operation. Various changes needed to improve operation, such as ship ladders to boiler and filter room spaces. New larger chlorinator and new recirculating pump complete with hair strainer required.

South Mill Booster Pump and Well Pump: Installed new well pump discharge valve and check valve which improved operation. Opened up and inspected booster pump and renewed ball bearings on same. Packed pea gravel around well casing.

North Mill Booster Pump and Well Pumps: Packed pea gravel around North Well Pump casing.

Pitch and Putt Golf Links: New automatic water sprinkler system installed. Working satisfactorily.

Recreational Arts Building: Placed in operation.

Upper Noe Recreation Center: Placed in operation.

Sharon Building: Made refrigeration, heating, ventilating and boiler repairs.

(23) Smaller Recreation Field Houses: Made periodic inspection, repair and servicing visits to take care of the heating, ventilating, refrigeration and hot water equipment.

The large recreation center buildings, because of the variety of equipment of various sizes, types and provided by different vendors, require the operating engineer to requisition and then personally secure from the vendor the required new or replacement part.

Transportation to the various work locations for tools, equipment and personnel demands more adequate transportation facilities. One more ½ ton truck should be furnished. Car mileage for private cars and bus fare should be provided.

It would be advisable to install in the engine room of the new Swimming Pool Buildings a work shop complete with work bench, tool board, bench vises, grinder, drill press, lockers and various tools. Because of the strategic location of these buildings, these work shops could be used to advantage by all the Department's mechanics. No facilities of any kind are now provided the Department's operating engineers and mechanics at the new swimming pools.

Our method of preventive maintenance has proven very satisfactory in cutting down repairs to equipment and the consequent equipment outage time. We lack a reserve supply of parts and material which will perhaps be rectified on completion of the New Corporation Yard Warehouse.

To provide for the new swimming pools one additional 0.168.1 Operating Engineer is required. One service truck is also needed.

3 - WATER RECLAMATION PLANT (Activated Sludge Plant)

General: The Water Reclamation Plant operated for a total of 48 weeks during the fiscal year. Four weeks were required for the annual inspection and repair period. The Plant was shut down during the month of December during which period all equipment was

serviced, inspected, repaired (where necessary) and painted. The mechanical equipment which was part of the abandoned digester equipment was removed and stored. The stairs alongside the loading bay were replaced with a concrete ramp, thus making it easier to move heavy equipment in and out of the plant. The interior of the Laboratory-office was painted.

Due to personnel shortages and the failure of two wells at the water works, the Operating Engineers of the Water Reclamation Plant operated the South Mill pumps at night for a total of 77½ hours during the last two weeks of June. They have also been called on to make night operational checks of the North Mill pumps, supplying water to Lincoln Park Golf Course. Rainbow and Huntington Falls were operated by the plant personnel on Sundays and Holidays.

The March earthquakes caused no visual damage at the Plant. There was some earth movement around the Strawberry Hill Reservoir, and as a precaution, the reservoir was drained, cleaned and inspected. Several minor hairline cracks were patched and the reservoir refilled. A two-day test did not reveal any leakage. Emergency calls on holidays, weekends, and nights are channeled through the plant.

The Water Reclamation Plant produced 246.318 million gallons of water during the fiscal year. 170.933 million gallons were pumped to the irrigation system, while 75.325 million gallons were sent to Metson, Mallard, and the Chain of Lakes by gravity. Following is a summary of the work accomplished:

20th Avenue Grit Tank (Sand Trap): This apparatus was cleaned 33 times at the rate of once per week during the rainy season and every two weeks during the dry season. A total of 6,802 cubic feet of sand was removed. The sand pump was sent to Shop #1 to replace a bearing and stub shaft. During the 3-week period the pump was out, the raw sewage influent valves were closed and the plant bypassed whenever it rained, in order to protect the influent lines from sand.

Sedimentation Units: A new stem was installed in #1 raw sludge valve. The plaster coat in the final sedimentation tank was repaired. Flights were inspected, all bolts tightened, chains and sprockets carefully checked and all units serviced. Handrails, sludge valves and drive units were painted.

Aeration Units: All units were inspected and serviced. Air header lines were painted. The motor of #5 Blower unit was disassembled, cleaned and "glyptaled". New air filter frames were made and installed to serve Blower units #1 to #4. The horizontal redwood baffle wall in #10 bay way realigned and cleated in place.

Diffusers were replaced in the North aerator; those removed were cleaned and graded. Part of these were installed in the South aerator. Hereafter it is planned to replace diffusers in one aerator per year; those diffusers removed will be cleaned and graded and used to replace those in the opposite aerator the following year.

Chlorination Units: The chlorinators are always kept in excellent condition, ready for operation at a moment's notice. They are rotated, inspected, and cleaned weekly. #1 Chlorinator pump was overhauled. The five chlorine valves were replaced by factory rebuilt units.

Elk Glen Lake Pumps: These units operated for 1,899.25 hours and pumped 170.933 million gallons of water to the irrigation system. Both pumps were serviced. The transformer serving the control circuit of #2 pump burned out and was rewound. The timing relays of #2 pump were cleaned and adjusted.

Lloyd Lake Pump: This unit was operated approximately for 5 hours on Sundays and Holidays. It pumps water from Lloyd Lake which is used to operate Rainbow Falls. The pump and motor was serviced, and the timer cleaned and adjusted. The return ditch continues to give trouble, i.e. children build dams across it, which forces water over the ditch and down the Main Drive.

Laboratory: Laboratory facilities are now being used throughout the entire Recreation and Park Department. In addition to the routine control tests and analysis necessary for the proper operation of the Water Reclamation Plant the following has been accomplished:

(1) Soil samples have been analyzed for the Nursery and Conservatory.

(2) The Boiled Water Treatment and analysis program is being expanded as a service to the Operating Engineers.

(3) At the request of the Engineering Division, the Freece Test has been conducted on many samples of galvanized fence wire used on new contract work.

(4) Samples of Swimming Pool water were analyzed to insure proper chemical treatment.

(5) An investigation was made into the possibility of using Aluminium Sulfate instead of Potassium Alum as the filtering agent for the swimming pools. Aluminium Sulfate (crude alum) was used for over a month at Hamilton Pool with excellent results. The cost of this compound is about one-half that of Potassium Alum. Aluminium Sulfate is now in use in all pools operated by the Department, which will result in a saving of $950.00 per year/

(6) During the fall of 1956 several complaints were received regarding offensive odors at Lake Merced. The condition was investigated and a report made relative to the elimination of the odors. By the use of Trisan followed by covering with sand, the condition was brought under control.

(7) Working with the plumbers, 1000' of 3" and 300' of 1" drinking water lines were sterilized and made safe for use. (These lines had been abandoned for years by the Academy of Sciences and were reactivated for park domestic use.)

(8) Investigation was made and report issued relative to the Algae Problem in Lake Merced. The matter was referred to the Water Department for control and treatment.

Recommendations: (1) The laboratory space should be increased and at the same time provide shower and locker facilities to improve the conditions for the health of the personnel. (2) Additional discharge piping and electrical service should be made available at the Elk Lake Pump house, which will allow both pumps to be operated independently of one another.

Water Pumped at Various Installations

North Mill: Through the use of two well pumps, a reservoir and booster pump, North Mill supplies irrigation water, 300 lbs. pressure, to Lincoln Park Golf Course - 3,706,000 gallons per week.

South Mill: Through one well pump and one booster pump, irrigation water at 190 lbs. pressure to west end of Golden Gate Park and Great Highway - 2,784,000 gallons per week.

Merced Lake Harding Booster Pump: Supplies irrigation water to Harding Park Golf Course - 9,900,000 gallons per week.

Water Works: Through the use of 3 well pumps and two booster pumps, irrigation water is supplied throughout the central and eastern part of Golden Gate Park - 4,400,000 gallons per week. Wells #2 and #3 at the Water Works have sanded up and failed. The well casings were recovered, also the well pumps and pump motors. The earth's shifting had caused the well casing to be so much out of line that rehabilitation of wells was impractical.

Fleishhacker Pool Heating Plant and Pump Station: Two well pumps, a reservoir and one booster pump supply irrigation water to the Zoo Area, and a section of Great Highway - 3,960,000 gallons per week.

Herbert Fleishhacker Pool Salt Water Pump: Supplies salt water at 5,000 gallons per minute to fill Herbert Fleishhacker Pool six times per year and skim pool three times weekly.

Suggested Improvements in Present and Future Installations

Randall Jr. Museum: Conversion of boilers to use gas instead of fuel oil. Draft conditions because of prevailing winds, type of installations and other factors cause poor and dangerous boiler operation requiring unreasonable amount of maintenance work because of emergency calls and time spent in cleaning dirty, sooty boilers and draft uptake ducts.

North and South Training Quarters: Conversion of boilers to use gas instead of fuel oil. Because of length of service, the present oil firing equipment is about worn out. Dirty, dangerous boiler operation requires too much time for maintenance. Present domestic hot water is boiler water. Should have separate hot water tanks.

Recreation Center for the Handicapped (Fleishhacker Bathhouse Bldg.): Installation of unit heaters is recommended as this facility is used at night. The present heating system requires an operating engineer on duty to provide heat when required.

North Beach Pool: New water recirculating pump complete with hair strainer should be installed. The inadequate and obsolete chlorinator should be replaced with a modern chlorinator. Ships stairs should be provided to underground boiler room and filter room.

Glen Park Recreation Center: The program of rehabilitation of the present steam boiler, steam piping and conversion to gas firing instead of the present oil firing equipment is urgently needed. Would suggest the domestic hot water be provided by a Ruud heater and a separate Durolined hot water tank instead of the present boiler water back.

Future Installations: In future installations, it is advisable to use hot water boilers instead of steam boilers to cut down on maintenance costs and maintenance problems. The department's policy of Durolining water tanks should be carried on until all water tanks are so lined.

Recommendation: The steam locomotive at H. F. Zoo should be taken to Shop #1 some time during the winter and the complete overhauling, which was started last winter, completed. In a few years this steam locomotive will be one of the very few steam locomotives still in operation, and is of extreme interest to the youngsters. The arrangement with Shop #1 for machine shop repairs has proven very satisfactory both in costs and expediting repairs.

Additional Personnel Requirements: One 0.168.1 Operating Engineer required with an additional ½ ton service truck. With the additional work load of the new Recreation Centers and Swimming Pools our inspection, preventive maintenance, fire and safety inspection and repair and replacement of equipment is becoming most inadequate. This condition is aggravated during the summer months by lack of relief engineers, coverage for military leaves, Camp Mather relief, Water Works' second shift, sick leave and vacations.

4 - INTERDEPARTMENTAL WORK ORDERS

During the fiscal year the Department of Public Works completed $9,283.63 in work orders divided between locksmithing and glazing. In the previous fiscal year $8,241.22 was expended. This reflects an increase of $1,042.41 in the cost of work actually done. Again considerable necessary glazing was left undone through lack of funds some of which will be taken care of through budget funds in the next fiscal year.

In addition to the above, the Department of Public Works expended $2,647.00 for replacement of plate glass attributed to earthquake damage this year, and, through an additional work order, completed $1,585.00 worth of work in alterations to the base of the flood lighting towers and electric controls.

The Fire Department Shop #1 completed $696.00 worth of work for the General Division, $187.00 for the Zoo Division and $383.00 for the Revenue Recreation Division, and miscellaneous machine shop repair work. For the Commissary Revenue Division these shops completed $2,733.00 worth of work on the Miniature Railway Locomotive, the Ferris Wheel and two Merry-Go-Rounds.

Preventive Maintenance Program: Major breakdowns and failures in the mechanical installations requiring large sums of money were eliminated entirely this year, a fact which can be attributed to the preventive maintenance program carried on by the staff augmented by the checking of electrical equipment and recommendations of the electrical staff of the Bureau of Light, Heat and Power, Public Utilities.

5 - REPAIR, RECONSTRUCTION AND CAPITAL EXPENDITURES

Fleishhacker Playfield Mothers' Building: The damaged murals were restored in the mothers' building by a competent artist.

Glen Park Fieldhouse and Gymnasium: All the panes of sheet glass in the gymnasium and assembly room, which had frequently been broken, were removed and replaced with fiberglass to eliminate danger to the children using the property. The gymnasium floor was refinished, bleachers and walls repainted.

Funston Playground Floodlighting: The repair to the lines and controls was completed, the towers and poles were painted. This completes, except for the repair of the lighting fixtures on the tennis and basketball courts, the program of work for the floodlighting of this playground.

Tennis Courts Resurfaced: Two tennis courts were resurfaced on each of the following: Julius Kahn, Alta Plaza and Mission Park.

Aquatic Park Building: One-half of the second floor deck was reroofed with the money made available. The job will be completed next year with the appropriated funds.

Fleishhacker Pool Bath House: Unit heaters were installed in the men's and women's bath houses to provide adequate heat for these areas, replacing the previous steam heating system.

Funston Playground: A new hot water storage tank with instantaneous water heater was installed to replace the old equipment.

Marina Park Convenience Station: This convenience station was completely modernized and rehabilitated.

Mission Pool and Playground: A new and adequate hot water heating system was installed. The bathhouses were reroofed.

Stern Grove: The dressing rooms were reroofed.

Zoological Gardens: The interior of the Elephant Building was redecorated, the interior cages and floors of the Lion House were repaired, and the interior cages, walls and ceilings were painted.

Kezar Pavilion: The bleachers, walls, ceilings and trusses of the pavilion were painted.

Coit Tower Roof: The top deck was reroofed.

Kezar Stadium: The cinder track was resurfaced. Alterations were made to the two convenience stations on the southwest side and a new women's convenience station installed on the south side and a new water main installed to provide adequate sanitation and fire protection.

Sharp Park: The club house was reroofed and chain link fences installed on the north and south boundaries for the protection of the public.

Golden Gate Park: A soil sterilizor for the treatment of soils used in the Park Nurseries and Conservatory was installed. Extensive repairs were completed on the Music Concourse Bandstand.

Argonne Playground: An extension was made to the height of the fence on this playground for the protection of adjoining property.

Various Playgrounds: Six hot water tanks were relined with feroline to protect them from excessive corrosion.

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DIVISION OF ENGINEERING

During the past fiscal year the Engineering Division has been very busy carrying on the wide variety of projects which are presented by the operations of the Department besides the extra work load of supervising the activities of the 1947 and 1955 Bond Programs.

While most design, working drawings and specifications for large projects are usually done by private architectural or engineering firms the work is done under the supervision of the Engineering Division. This division supplies the survey and the preliminary studies, arranges conferences with the various parties involved, reviews all drawings, specifications and estimates submitted by the outside agencies and sees that all necessary corrections are made and steps taken to bring the job to completion. This applies particularly to the Bond Programs.

The personnel has been working under a severe handicap as many of the authorized engineering positions were not filled because of lack of engineers available on the Civil Service lists.

The 1947 Bond Program is approaching completion. There remains only the Day Camp and the Hayes Valley recreation facilities to be started. Both of these projects were delayed because of conditions other than the three year moratorium imposed upon the Department due to the Korean War. It is planned to have both projects under way within the next year. However, during the past year $2,475,000.00 of construction work financed from the 1947 Bond Program was completed and placed in operation, while $1,604,000.00 of new construction was started.

The 1955 Bond Program is well under way and in the first full year after money was actually available six projects amounting to more than $524,000.00 of construction work was either completed or started. Many of the projects of this Bond Issue,while relatively small from a financial standpoint, are quite important and oft times introduce complex engineering problems and increase the work load out of proportion to the cost of the individual projects.

Contract plans and specifications have been prepared for ten more projects of the 1955 Bond Program and are momentarily ready to be advertized for bids. It is estimated that these jobs will cost $1,661,000.00 when completed.

Preliminary plans are well along on four projects. One of these jobs is the McLaren Park Golf Course which will be located in the southeastern portion of the Park has presented a difficult problem because Gilligan Drive must be relocated or provision made to receive its traffic between the Excelsior and Visitacion Districts of the City.

Before a golf course can be laid out a new traffic artery must be provided which involves three departments of the City.

Twenty-seven major rehabilitation and/or additions to existing facilities were planned and carried out costing $176,415.00.

Three typical budget projects will illustrate the wide variety of planning involved in this section of the division's work. These projects are (1) Kezar Stadium Rehabilitation consisting of additional rest rooms, reclamation of the running track and the installation of a six inch water main around the west of the stadium; (2) construction of a soil sterilizer which uses live steam under pressure to sterilize soil for plant propagation in the park nursery; and (3) general supervision for the preparation of the master plan, by a private consulting firm, for the San Francisco Zoological Gardens.

In addition to the above maintenance, the staff is called upon in an advisory capacity by other City agencies particularly in landscape design.

A tabulation of projects in their various categories is given below:

1947 BOND FUND

Under Construction		Completed	
Garfield	$ 516,000.00	Upper Noe	$ 703,000.00
Rossi	481,000.00	North Beach	307,000.00
Pinelake	108,000.00	Central Activities	449,000.00
Balboa Pool	499,000.00	Camp Mather	451,000.00
		Eureka Valley	565,000.00
	$1,604,000.00		$2,475,000.00

STATUS AS OF 6/30/57

Completed - - - - - - - - - - - - -		$10,246,231.54
In Progress - - - - - - - - - - - -		1,604,770.00
Pending:		
Day Camp	$272,270.00	
Hayes Valley	320,000.00	
*West Sunset	120,033.76	712,303.76
Total		$12,563,305.30

* Supplemental appropriation to Board of Education for payment of pro-rata share of land.

1955 BOND PROGRAM

These data based on status of projects as of July 1, 1957, and represent progress made during the past fiscal year.

A - Projects completed or under construction

		Contract Cost
(1)	Aquatic Park Pier	$ 62,117.00
(2)	Bernal Playground	34,385.00
(3)	Lincoln Park Irrigation	67,564.00
(4)	First Unit of Second Phase - Golden Gate Park Irrigation	115,900.00
(5)	Golden Gate Park Pitch & Putt Course	19,847.00
(6)	Balboa Soccer Stadium	224,608.00
		$524,421.00

B - Contract Plans and Specifications completed ready to take Bids

		Estimated Cost
(1)	Funston Playground Bleachers	$165,000.00
(2)	Silver Terrace " "	165,000.00
(3)	Corporation Yard	200,000.00
(4)	Fleishhacker Pool Heating Plant	50,000.00
(5)	Jackson Playground	150,000.00
(6)	Larsen Park Swimming Pool	363,000.00
(7)	McLaren " " "	363,000.00
(8)	Portola Playground Rehabilitation	50,000.00
(9)	Harding Park Irrigation	105,000.00
(10)	Aquatic Park Development	50,000.00
		$1,661,000.00

Preliminary Plans and Specifications Under Way

(1)	Russian Park	$ 58,500.00
(2)	Washington Square	50,000.00
(3)	Lake Merced Recreation Center	350,000.00
(4)	McLaren Park Development (Golf Course Portion)	250,000.00
		$ 708,500.00

BUDGET ITEMS

PROJECTS COMPLETED

Kezar Pavilion Painting	$ 8,089.00
Glen Park Gymnasium - Refinish Floor	830.00
Funston Playground Floodlighting	5,794.00
Tennis Courts Resurfacing (2 Courts Julius Kahn 2 " Alta Plaza 1 " Mission Park)	4,548.00
Coit Tower Roof	1,375.00
Kezar Stadium Cinder Track-Resurfacing	9,605.00
Aquatic Park Building - Roof Deck Repairs	5,187.00
Fleishhacker Pool Bathhouse - Replacement Steam Pipes and Returns	2,215.00
Funston Playground - Hot Water System Replacement	1,389.00
Marina Park Convenience Station - Rehabilitation	3,567.00
Various Roofs (Including Sharp-625)	2,084.00
Mission Pool - Water Heater Replacements	3,319.00
San Francisco Zoological Gardens: Master Plan	7,500.00
Park Nursery - Soil Sterilizer	5,509.00
Bandstand and Band Concourse Additions	17,670.00
Argonne Playground Fence Extension	479.00
Various Playgrounds - Feroline Six Hot Water Tanks	1,417.00
Kezar Stadium - Convenience Stations	51,909.00
Kezar Stadium - Water Main Installation	14,770.00
Kezar Stadium Fencing	2,845.00
Kezar Stadium - Water Main	675.00
Painting - Lion House and Pachyderm House	5,272.00
Surface Floors - Lion House	1,981.00
Fleishhacker Playfield - Convenience Station Rehabilitation	5,894.00
San Francisco Zoo - Aviary Repairs	6,041.00
Children's Quarters Merry-Go-Round - Repairs	6,451.00
Total	$176,415.00

ANNUAL REPORT

1956-1957

DIVISION OF BUSINESS AND ADMINISTRATION

1 --Revenue Units
2 - Appropriation and Revenue Statistics

DIVISION OF BUSINESS AND ADMINISTRATION

The comparison of original budget appropriations with expenditures and estimated revenues with realized revenues as requested by the Mayor will be found appended at the end of this report. As has been true for the past several years, the original budget appropriations for Materials and Supplies and Contractual Services proved insufficient to carry on normal operations of the department for the year. As the department's facilities continue to expand further, substantial increases in appropriations in these categories will be required.

1 - REVENUE UNITS

Kezar Stadium and Pavilion - Kezar Stadium was the scene of 37 football games, attracting a paid attendance of 477,044, to which was added the participation of 25,587, including complimentary, press and guest box, hospital veterans from the Armed Services and participants of the East-West Game Pageant. Rental received from football games in 1956-57 was $112,097.63 compared to $106,543.91 in 1955-56, resulting in an increase of $5,553.72 in 1956-57.

In addition to the football games, 45 track and field meets were held in the stadium. While this activity does not enjoy a great spectator interest, it furnishes an extensive program for the participants from the public and parochial schools and several athletic clubs. The stadium was also the scene of the annual May Day Festival sponsored by this department in which 1,050 children participated, and was viewed by more than 4,000 spectators. Over 2,500 participated in the annual School Traffic Revue. The Golden Gate Festival of Music, sponsored by the Call-Bulletin, was held in the stadium.

Kezar Pavilion was the scene of 55 high school, college and club basketball games, resulting in a paid attendance of $59,370.00. This program now extends over a period of seven months beginning in September and ending in April. Rental receipts in 1956-57 amounted to $6,034.23 compared to $6,678.26 in 1955-56, resulting in a decrease of $644.03 in 1956-57. This decrease was the result of drop in attendance in the University of San Francisco games through the break-up of their championship team due to

graduation.

The pavilion was again used for the final session of the San Francisco Examiner basketball school with more than 300 boys and girls attending, for the Table Tennis Championships sponsored by this department, and for folk dancing programs which were held on Sundays with a good attendance at each of their gatherings. Other special events held in the pavilion were: Boys Scouts "Walgazu" Night; Safety Demonstration, sponsored by the San Francisco Hot Rod Association; Ski School, sponsored by the California Ski Forum; Drum & Bugle Competition, sponsored by the Twin Peaks Native Sons.

Total attendance for both Kezar Stadium and Pavilion exceeded 579,000 with a total revenue of $119,464.18.

Golf Courses - The total volume of play in all golf courses increased over the previous year and reached a new all-time high. Revenue and expense for each course were as follows:

	Revenue	Expense
Harding Park	$141,670.00	$122,147.00
Lincoln Park	84,281.00	100,155.00
Sharp Park	86,407.00	83,282.00
Golden Gate Park	52,239.00	42,817.00
Total	$364,597.00	$348,401.00

The following tournaments were held - U. S. National Public Links; S. F. Championship; S. F. Junior Championship; Examiner "Hole-in-One"; Northern California Father & Son Championship; S. F. High School Matches; Eight College Matches; Six Men's Club Tournaments; Six Women's Club Tournaments; Four U. S. Service Men's Tournaments; and Two Industrial Division Recreation & Park Department.

Starting time reservations were taken for week-end and holiday play, using the system inaugurated in October, 1955, to the extent of accommodating 60,000 players.

Golden Gate Park Stadium - This stadium was the scene of 40 polo games attended by approximately 14,000 people, 15 junior high school football games, 12 high school track meets, 16 junior high school track meets, and 10 bicycle races.

Balboa Stadium - During its second year of operation this stadium was the scene of 102 adult soccer games, 40 high school games, and 15 Gaelic Football Games. At the year's end, construction was commenced on permanent concrete bleachers and dressing rooms at this stadium.

Coit Tower - This unit was visited by approximately 260,000 people, of whom more than 90,000 used the elevator for which a fee is charged. Revenue derived from the operation was $25,384.00, while the expense of operation was $22,482.00.

Yacht Harbor - The harbor provided berthing for 215 boats from which was derived $29,942.00 in mooring fees while the operating expenses for the year amounted to $23,306.00.

Children's Quarters (Golden Gate Park) - This unit, which has experienced decreased patronage during recent years, showed some improvement during the year. The total number of rides exceeded 208,000. Total revenue from rides and refreshment vending amounted to $53,890.00 while operating expenses amounted to $58,091.00. Plans are being formulated for this unit which, it is hoped, will increase attendance. A budget request for a miniature train was presented but disallowed.

Fleishhacker Playfield - This unit again showed increased patronage. Once more the miniature train and the merry-go-round provided more than 846,000 rides during the year. Total revenue from rides and refreshment vending was $238,899 while operating expenses totaled $196,175.00. In addition to the paid rides, the play apparatus and picnic tables were used by several thousand people during the year. Major changes are in prospect in this area in connection with the construction of the new Storyland project which is contemplated to be in the area immediately adjacent to the present playground apparatus area; it will also be affected by the rearrangement of the Zoo to be carried out pursuant to a Master Plan which is in preparation.

Camp Mather - Construction of a new stage and fire circle early in 1957 brought to completion the rehabilitation and expansion of Camp Mather carried out under the 1947 Recreation Bond Fund Program. Total camper days exceeded 26,000, of whom 48% were children. A total of 91,970 meals were served, including those served to personnel and transients. The cost per meal was 64¢, which included salaries as well as food. Total revenue for the year was $109,833, while total operating expenses were approximately $98,000.00.

COMPARISON OF EXPENDITURES FOR ALL APPROPRIATIONS
OTHER THAN THOSE FOR PERSONAL SERVICES, WITH ORIGINAL
BUDGET APPROPRIATIONS FOR 1956-1957

GENERAL DIVISION	ORIGINAL BUDGET APPROPRIATION	EXPENDITURES	DIFFERENCE
Contractual Services	23 850	24 292	442
Telephone & Telegraph	15 500	15 499	- 1
Scavenger Service	6 000	6 802	802
Window Washing Services	1 182	1 053	- 129
Pest Control	150	120	- 30
Repairs Other Equipment	400	696	296
Services Reproduction Bureau	2 000	2 679	679
Use of Employees' Cars	6 000	6 950	950
Mtce. & Repair - Bldgs.	10 100	10 514	414
Mtce. & Repair - Structures	10 500	10 342	- 158
Mtce. & Repair - Automotive Equipment	44 000	44 000	-
Heat, Light & Power	82 000	90 318	8 318
Engineering Services	450	-	- 450
Music Concerts	32 770	31 591	- 1 179
Materials & Supplies	136 360	148 827	12 467
Fuel & Lubricants	25 250	27 333	2 083
Drygoods & Wearing Apparel	3 000	7 878	4 878
Stationery Withdrawals	1 700	1 700	-
Foodstuffs	1 728	1 418	- 310
Canned Goods & Dried Fruits	300	446	146
Soil & Fertilizer	10 000	9 982	- 18
Forage & Food for Animals	1 200	1 230	30
Equipment	79 502	97 102	17 600
Accident Compensation	23 000	24 514	1 514
Judgments	1 000	972	- 28
Premium on Official Bonds	250	250	-
Insurance Premiums	6 000	5 928	- 72

GENERAL DIVISION (Cont'd.)	ORIGINAL BUDGET APPROPRIATION	EXPENDITURES	DIFFERENCE
Membership Dues	624	497	- 127
Taxes	1 005	1 140	135
Rentals	5 446	5 207	- 239
Replacements & Reconstruction	15 500	17 761	2 261
Total - General Division	546 767	597 041	50 274

SAN FRANCISCO ZOO	ORIGINAL BUDGET APPROPRIATION	EXPENDITURES	DIFFERENCE
Contractual Services	510	511	1
Pest Control	300	-	- 300
Repairs - Other Equipment	200	187	- 13
Use of Employees' Cars	300	300	-
Mtce. & Repair - Bldgs.	150	847	697
Mtce. & Repair - Structures	10 500	7 253	-3 247
Heat, Light & Power	6 700	7 349	649
Materials & Supplies	2 403	2 648	245
Forage & Food for Animals	54 000	62 587	8 587
Equipment	450	442	- 8
Total San Francisco Zoo	75 513	82 124	6 611
COMMISSARY			
Contractual Services	6 814	6 181	- 633
Repairs Other Equipment	2 000	2 733	733
Heat, Light & Power	4 700	3 737	- 963
Materials & Supplies	7 806	6 632	-1 174
Fuel & Lubricants	800	882	82
Materials & Supplies - Resale	2 350	1 337	-1 013
Foodstuffs	113 370	126 377	13 007
Canned Goods & Dried Fruit	1 400	1 093	- 307
Forage & Food for Animals	1 500	1 485	- 15
Equipment	1 250	1 368	118
Fixed Charges	130	129	- 1
Sales Tax	2 500	3 156	656
Total Commissary	144 620	155 110	10 490

RECREATIONAL UNITS	ORIGINAL BUDGET APPROPRIATION	EXPENDITURES	DIFFERENCES
Contractual Services	1 384	1 968	584
Repairs Other Equipment	400	383	- 17
Use of Employees' Cars	180	180	-
Transportation - Assignments Out of Town	1 000	1 102	102
Mtce. & Repair - Structures	13 700	8 089	- 5 611
Mtce. & Repair - Kezar Floodlights	1 000	962	- 38
Heat, Light & Power	20 500	20 510	10
Materials & Supplies	9 985	12 406	2 421
Fuel & Lubricants	2 750	2 332	- 418
Drygoods & Wearing Apparel	300	237	- 63
Materials & Supplies - Resale	900	863	- 37
Equipment	5 275	4 913	- 362
Fixed Charges	165	704	539
Reconstruction & Replacements	10 900	10 980	80
Total Recreational Units	68 439	65 629	- 2 810
LAKE MERCED SPORT FISHING			
Contractual Services	6 100	6 146	46
Materials & Supplies	190	80	- 110
	6 290	6 226	- 64
CAMP MATHER			
Contractual Services	13 948	13 061	- 887
Materials & Supplies	7 810	7 072	- 738
Foodstuffs	34 569	34 046	- 523
Equipment	3 530	3 317	- 213
Taxes - Real Estate	800	798	- 2
Total Camp Mather	60 657	58 294	- 2 363

RECREATION AND PARK DEPARTMENT
COMPARISON OF REVENUES ESTIMATED IN 1956-1957 BUDGET
WITH REVENUES COLLECTED

	BUDGET ESTIMATE	RECEIPTS COLLECTED	DIFFERENCES
Coit Tower - Admission Fees	23 000	26 401	3 401
Golf Fees - Harding Park	140 000	141 670	1 670
Golf Fees - Lincoln Park	82 000	84 281	2 281
Golf Fees - Sharp Park	78 000	86 407	8 407
Golf Fees - Golden Gate Park Pitch Putt	48 000	52 239	4 239
Balboa Stadium Rent	1 500	2 029	529
Golden Gate Park Stadium Rent	2 000	1 850	- 150
Kezar Pavilion Rent	4 500	5 768	1 268
Kezar Stadium Rent	105 000	113 397	8 397
Fleishhacker Bathhouse	11 000	16 480	5 480
Fleishhacker Boats - Rides, etc.	45 000	49 229	4 229
Children's Quarters - Rides, etc.	12 000	11 519	- 481
Tennis Fees	1 800	2 139	339
Sharp Park Rifle Range	3 000	3 327	327
Swimming Facilities	7 500	20 227	12 727
St. Mary's Square Garage	12 000	14 320	2 320
Yacht Harbor Mooring Fees	25 000	29 942	4 942
Union Square Garage Rent	5 000	5 000	-
Lake Merced Fishing Permits	5 200	8 368	3 168
Aquatic Park Concession	7 000	7 380	380
Stow Lake Boathouse	5 300	5 794	494
Miscellaneous Concessions	6 200	7 552	1 352
Fleishhacker Playfield Booths - Food	175 000	187 953	12 953
Children's Quarters - Food	40 000	42 222	2 222
Harding Park Cafe	45 000	52 431	7 431
Lincoln Park Cafe	2 400	2 585	185
Sharp Park Cafe	2 400	4 164	1 764
Other Food Sales - (Kezar)	35 000	34 999	- 1
Tea Garden Rent	7 500	12 396	4 896
Yacht Harbor Rent	3 500	3 961	461
Sundry Rents	1 500	2 121	621
Other Miscellaneous	20 000	21 637	1 637
Camp Mather	105 000	109 833	4 833
Total Revenue	1 067 300	1 169 621	102 321

CITY AND COUNTY OF SAN FRANCISCO

RECREATION AND PARK DEPARTMENT

1957 - 1958

ANNUAL REPORT

Portals of the Past, Golden Gate Park

City and County of San Francisco

RECREATION AND PARK DEPARTMENT

1957 - 1958

ANNUAL REPORT

Recreation and Park Department
McLaren Lodge, Golden Gate Park
Fell and Stanyan Streets
San Francisco 17, California

RECREATION AND PARK DEPARTMENT

ANNUAL REPORT

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Letter of Transmittal

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CITY AND COUNTY OF SAN FRANCISCO
GEORGE CHRISTOPHER, MAYOR

RECREATION AND PARK DEPARTMENT
McLAREN LODGE, GOLDEN GATE PARK
SAN FRANCISCO 17, CALIFORNIA

SKYLINE 1-4866

RAYMOND S. KIMBELL
GENERAL MANAGER

September 12, 1958

The Honorable George Christopher
Mayor of San Francisco
City Hall
San Francisco 2, California

Through: The Honorable
Recreation and Park Commission

Dear Mr. Mayor:

It is a pleasure to submit herewith the annual report of the Recreation and Park Department for the fiscal year of 1957-58.

I feel it is an objective report and would like to compliment the various responsible staff members for the capable manner in which they have presented specific information and data pertaining to their divisions. Such a comment is, I feel, deserved since the report covers the entire fiscal year whereas my tenure as General Manager covers only the last five months of the fiscal year.

Without the complete cooperation of the staff it would be a frustrating and virtually impossible task to direct the affairs of such a vast and important department. It is a particular pleasure to relate that this cooperation has been given without stint and to add that this has been reflected in a most rewarding and healthful climate of improved morale generally throughout the department.

I would like to stress that this morale spreads from the members of the Recreation and Park Commission who have given of their time and counsel with unstinting generosity.

Among factors which have contributed substantially to this situation are the Commission Committee system whereby individual Commissioners assist staff in an advisory manner in dealing with specific problems, numerous staff reports to aid the Commission

in considering the many major matters with which it is confronted, regular staff meetings which have resulted in program coordination and the sharing of all pertinent information, renewed emphasis on the importance of in-service training which has been particularly rewarding in connection with the employees of the Park Division.

Although the status of specific projects is treated in the division reports which follow, I would like to stress that the development of McLaren Park into a major recreational area for San Francisco has been given a top priority. Of particular interest also is the development of the unique Storyland Playground in the Fleishhacker Playfield area which will be completed by next Spring.

These two projects are mentioned not only because of their unusual interest and importance but also to underline the inescapable fact that all new developments will require additional operating and maintenance personnel. A detailed presentation of these requirements will be included in the budget recommendations which will be subsequently transmitted to you by the Recreation and Park Commission.

One matter I would like to point up is the Controller's Audit Report relating to department revenues which the department has carefully followed through in accordance with instructions received from you and the Commission. I believe that the department's situation with regard to revenues and concessions is now much more stable than heretofore and I believe that one of the most important factors in this was the careful spelling out by the Commission of the authority and responsibility of the General Manager in submitting recommendations to the Commission in connection with all agreements and concession permits.

I would like also to bring to your attention the friendly understanding and cooperation which the General Manager has received from the other city departments, as well as the city legislative body and the Board of Supervisors, without which the Recreation and Park Department could not effectively function. This attitude is certainly appreciated, and, in turn, gladly reciprocated.

Respectfully submitted,

Raymond S. Kimbell

Raymond S. Kimbell
General Manager

ANNUAL REPORT

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DIVISION OF RECREATION

1 - Attendance
2 - Aquatics
3 - Athletics
4 - Day Camps, Overnight Camping Sites and Picnic Areas
5 - Drama and Dance
6 - J.D. Randall Junior Museum
7 - Music
8 - Photography
9 - Senior Citizen
10 - Tiny Tots

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1 - ATTENDANCE

Playgrounds

Name of Unit	Attendance	Name of Unit	Attendance
Alta Plaza Square	36,664	Levi Strauss	15,441
Aptos	34,519	McCoppin Square	20,227
Argonne	47,168	Merced Heights	29,535
Balboa	74,730	Michelangelo	13,634
Bay View	7,301	Miraloma	44,549
Bernal	29,466	Mission Dolores Park	86,619
Big Rec	131,391	Mission Playground	80,869
Cabrillo	49,961	Mountain Lake	37,027
Cayuga	37,841	Murphy, J. P.	37,612
Chalmers, Alice	54,751	Noe Courts	26,651
Chinese Center	145,783	North Beach Playground	228,923
Chinese Playground	121,996	Ocean View	100,947
Cow Hollow	25,061	Parkside Square	16,989
Crocker-Amazon	22,232	Peixotto, Sidney	15,046
Douglass	35,539	Portola	124,428
Duboce	27,633	Potrero Hill	96,385
Eureka Valley	190,714	Presidio Heights	28,029
Excelsior	80,299	Richmond	41,735
Folsom	82,808	Rochambeau	71,510
Fulton	43,717	Rolph	119,579
Funston	202,959	Rossi	47,343
Gilman	33,477	St. Mary's	102,542
Glen Park	99,920	Silver Terrace	59,342
G.G.Park Tennis Courts	96,372	South Sunset	64,627
Grattan	34,755	Stern Grove	59,655
Hamilton	167,215	Stern Grove Annex	20,933
Hayes Valley	50,501	Sunset	139,256
Hayward, Boys	45,775	Upper Noe	188,986
Hayward, Girls	86,941	Visitacion Valley	120,203
Jackson	42,720	Wawona Greens	11,598
Junipero Serra	36,532	West Portal	32,326
Kahn, Julius	58,455	West Sunset	70,122
Larson Square	24,767	Wills, Helen	57,379
Laurel Hill	38,176		
Lee, Joseph	108,464	TOTAL	4,616,455

Housing Centers

Name of Unit	Total Attendance
Hunter's Point	105,989
Sunnydale	67,616
Valencia Gardens	23,354
Westside Courts	26,001
TOTAL	222,960

Aquatic Division

Name of Unit	Total Attendance
Balboa Pool	32,476
Fleishhacker Pool	410,884
Garfield Pool	142,054
Hamilton Pool	191,962
Mission Pool	98,562
North Beach Pool	185,438
Rossi Pool	149,072
State College	19,962
Aquatic Park (Beach)	1,080,466
Phelan Beach (Beach)	477,718
Lake Merced (Fishing)	45,151
TOTAL	2,833,745

Special Activities

Name of Unit	Total Attendance
Archery Range, Sharp Park	31,100
Carnival	6,760
Drama Center	101,170
Music Center	19,320
Photography Center	33,489
Randall, J.D.Junior Museum	63,439
Rifle Range, Sharp Park	10,362
Senior Citizens' Various Units	7,313
Senior Citizens' Hobby Show	4,621
Silver Tree Day Camp	14,351
Stern Grove Concerts	120,004
Tiny Tots - Various Units	66,396
TOTAL	478,325

Camp Mather

Total Attendance	25,800

Recapitulation

Playgrounds	4,616,455
Housing Centers	222,960
Aquatics	2,833,745
Special Activities	478,325
Camp Mather	25,800
GRAND TOTAL	8,177,285

2 - AQUATICS

During the fiscal year 1957-58 eleven Aquatic Units were operated with a total attendance of 2,833,745 from which $76,095.00 in revenue was received. Of these eleven units, three were dedicated this year.

(1) Aquatic Park - This bay front unit with an acreage of 31.42 offered a year round program of swimming, picnicking, volleyball and fishing. The total general attendance was 1,080,466. Of this number 13,820 were from 21 special groups serviced.

(2) Balboa Pool - Revenue $2,623.00 (Operated one month) This indoor pool was opened on June 7, 1958. In less than a month the total attendance reached 32,476. Of this number 2,483 were from 11 special groups serviced.

(3) Fleishhacker Pool - Revenue $17,445.00 (Operated 7 months) This outdoor pool was operated for 7 months or 194 days. The total general attendance was 410,884. Of this number 22,440 were from 13 special activities conducted and 33,200 were from 80 special groups serviced.

(4) Garfield Pool - Revenue $11,599.00 (Operated 8 months) This indoor pool was opened for operation on October 28,1957. In a little over 8 months the total attendance reached 142,054. Special groups serviced at this unit were 29 and accounted for 10,696 of the total attendance.

(5) Hamilton Pool - Revenue $7,137.00. This indoor pool had a total attendance of 191,962. Of this number 35,086 persons were serviced through 65 special groups.

(6) Lake Merced - Revenue $7,596.00 (Operated 8 months) This unit with an acreage of 368 was operated from May 3 through December 31 with a program of fishing and picnicking. The total attendance for 8 months of operation was 45,151. Revenue is derived from the sale of Lake Merced Fishing Permits

(7) Mission Pool - Revenue $1,245.00 (Operated 7 months) This outdoor pool operated from May 1 thru November 1, for a total of 152 days. The total attendance was 98,567. Special activities accounted for 10,370 and service to 11 special groups accounted for 15,337 of the total attendance.

(8) North Beach Pool - Revenue $12,266.00 This indoor pool operated for 12 months with a total attendance of 185,438. Twenty-four special activities accounted for 10,720 of the total attendance while 18,266 persons were from 14 special groups serviced.

(9) Fulton Beach - This ocean front unit with an acreage of 6.4 had a total attendance of 477,718. A program of swimming, picnicking, volleyball and weight lifting is provided. Forty one special groups accounted for 3,849 persons serviced.

(10) Rossi Pool - Revenue $14,991.00 (Operated 10 months) This indoor pool was opened for operation on September 22, 1957. The total attendance was 149,072. Thirty one special groups were serviced and accounted for 5,620 of the total attendance.

(11) San Francisco State College Pool - Revenue $1,194.00 (Operated Sundays only for 11 months) This indoor pool which was supervised by the Recreation and Park Department on Sundays only from 10:00 A.M. to 5:00 P.M. was closed as of May 1, 1958. The total attendance was 19,962.

3 - ATHLETIC DIVISION

The Athletic Division, both male and female, serviced 324,144 persons in various athletic activities. Both divisions conducted activities for these groups:

(1) The Industrial Division services personnel of firms which are members of this division.

(2) The Recreation Open Division which is for all those not participating in the Industrial Program.

(3) The Junior Program which is for all youth thru 18 years of age.

Athletic Division (Male) - This division serviced 242,442 persons.

(1) Industrial - 14,502 service units.
Activities consisted of bowling, basketball, 2 golf, 2 table tennis, and 2 softball tournaments as well as a small bore rifle tournament and a snow trip.

(2) Special Events Intra-Firm Activities - 49,209 service units.
These activities consisted of tournaments in tennis, table tennis, and softball.

(3) Junior Activities - 106,698 service units.
Activities conducted for this group were basketball, tennis, table tennis, touch-tackle football, marble, softball, kickball, volleyball and baseball tournaments as well as a pentathlon and a football feature contest.

(4) Archery - 46,275 service units.
Besides the individuals who use the archery range daily and week-ends, 21 different shoots were organized by this division.

(5) Soccer - 25,758 service units.
Seven soccer leagues were conducted by this division.

Athletic Division - (Female)

(1) Industrial and City Wide - 16,806 service units.
Activities consisted of 2 tennis tournaments for men and women, a women's bowling league, a mixed bowling league, a women's volleyball league, a women's basketball league and 3 badminton tournaments as well as 4 banquets.

(2) Junior Activities - 37,760 service units.
Activities conducted for this group were: a basketball pentathlon, a track and field meet, basketball playdays, kickball playdays, a softball league, net ball playdays, a jack tournament, and 2 volleyball leagues for girls as well as the following events for mixed groups: an indoor relay playday, a checker tournament, a chess tournament, and a mixed volleyball playday.

(3) Golden Gate Park Tennis Courts - 27,136 service units.
This unit is under the direct supervision of the Athletic Division (Female) where 36 scheduled tournaments were conducted

4 - DAY CAMPS, OVERNIGHT CAMPING SITES AND PICNIC AREAS

(1) Silver Tree Camp - Annual attendance of the Silver Tree Day Camp located on approximately 70 acres in the Glen Park Canyon, was 23,321. This camp is operated on week-days during the summer vacation and provides a wholesome opportunity for outdoor living with a carefully supervised program including camp craft, nature lore, hiking, music, general crafts, camp fire programs as well as tours and field trips.

Two special groups were serviced at this camp, namely: Aid to Retarded Children, and Child Care Centers.

(2) Pine Lake Camp - Annual attendance of the Pine Lake Camp located on approximately 31 acres in the Pine Lake Area, west of Sigmund Stern Grove was 196. This camp was opened for the first time this year and is operated similarly to Silver Tree Camp with the exception that a more concentrated camping program is offered to the more experienced camper.

(3) Day Camp Sites - Many of our facilities located in different areas of the City are used by various agencies so that they can conduct their own day camps. This year 9 different agencies with an attendance of 5,382 were serviced by our department.

(4) Overnight Camp Areas - There are 4 overnight camp areas in Golden Gate Park and one in the Pine Lake Area. These sites are used by both in-town and out of town groups. The latter groups generally stay from one to three days.

(5) Picnic Areas - Requests for reservations for picnic areas was very heavy this year. Many thousands of people were serviced in the 16 areas set aside for this activity.

5 - DRAMA AND DANCE DIVISION

This division conducted on various units the following activities:

Story-telling
Story Play
Puppetry
Play Production
Drama groups for both adult and youth
Singing Games
Small Folk Rhythmic
Folk Dancing for boys and girls
Folk and Square Dancing for adults
Special Dance Groups, and
Doll Shows

The Golden Gate Story League, the Storyland Story League and The Doll Club are under this division's sponsorship.

Two In-Service Training Courses were conducted, one for Playground Directors and one for Folk Dance Instructors.

The units of service for the aforementioned groups was 454,415.

Many programs and special events were conducted by this division such as "Carnival" at Stern Grove, Doll Festival at the Sharon Building, May Day at Kezar, Columbus Day Pageant, Adult Regional Folk Festivals, Joseph Lee Day, Story Play Festival and Contest, Unesco programs, as well as special holiday programs. The units of service for these programs was 53,113.

The units of service for programs and special events conducted elsewhere as a community service was 35,512.

The Drama and Dance Division gave a total of 543,040 units of service to the community.

The costuming department supplied 12,046 costumes to participants in their programs, made 800 new ones, remodeled 730 and altered 500.

6 - JOSEPHINE D. RANDALL JUNIOR MUSEUM

During the past year, the San Francisco Recreation and Park Department continued its program of natural history, science and art activities at the Josephine D. Randall Junior Museum with a total attendance of 57,016. Here the young people of San Francisco were offered an opportunity to participate in scientific and cultural hobbies presented in the form of exhibits, study collections, arts and crafts projects and field excursions.

The Museum was open to visitors from 10:00 A.M. to 5:00 P.M. Monday through Saturday and from 12:00 Noon to 5:00 P.M. Sundays and Holidays.

Participation in activities was carried on from 2:30 P.M. to 5:00 P.M. on weekdays during the school term and from 10:00 A.M. to 5:00 P.M. on Saturdays and school vacation days. An after school program for Girl Scouts, Cubs and other groups was in progress through-out the school term.

On Saturdays during the school term and daily during the summer vacation period a program of movies on science and travel was presented from 12:30 to 1:30 P.M.

Adult clubs and groups interested in natural science, scheduled the Museum Auditorium for evening meetings, lectures and science programs from 7:30 to 11:00 P.M.

Guided tours of the Museum were conducted for school classes and clubs during the hours of 10:00 A.M. to 2:30 P.M. Teachers and club leaders arranged in advance for special programs related to term projects.

There are 138 members of the Josephine D. Randall Junior Museum Auxiliary. During the summer vacation period, the Auxiliary accepted the responsibility of organizing and training a group of volunteers. They staffed the Museum with from one to four people daily who assumed the responsibility for manning the information desk, handling telephone calls, and other office duties. They also served as hostesses and guides.

In taking over these tasks, the volunteers made it possible for members of the staff to conduct museum activities in a more effective and satisfactory manner.

7 - MUSIC DIVISION

This division conducted on various units the following activities: singing for pre-schoolers, children of grade school age, teen agers and community groups as well as a Teen Age Chorus and a Teen Age Choir, also Rhythm Bands for pre-schoolers and Toy-Symphony Orchestras for grade school children.

The Recreation Symphony Orchestra, the Buchner Light Orchestra, 2 Teen Age Dance Band Ensembles and an Adult Dance Band Ensemble are under this division's supervision. A pianist's workshop was also conducted.

The units of service for the aforementioned groups was 213,726. Many programs and special events were conducted, such as, Carnival at Stern Grove, Joseph Lee Day, Christmas Carol Festival at Union Square and over 450 special holiday or seasonal programs as well as a Concert presented by the Recreation Symphony Orchestra. These programs were presented at recreation units and elsewhere as a community service. The units of service for these programs was 52,277.

The Music Division gave a total of 1,129,907 units of service to the community.

8 - PHOTOGRAPHY DIVISION

The Photography Center which is housed in the Recreational Arts Building was opened on October 1, 1957, to members of the old center and after the dedication on December 20, 1958, was opened to new memberships.

The attendance from October 1, 1957 to June 30, 1958, was 27,668. Approximately, 1,600 people are making use of the center. 1,002 adults and 91 juniors have paid up membership. The non-paying users are Camera Club members who do not use any of the Center's facilities, except the meeting room.

The total revenue received from October 1, 1957 to June 30, 1958, is $3,869.00, of which 3,277.00 is from membership and $592.00 from rental of lockers.

During the year, 40 "quickie" courses in Photography were conducted. Approximately 1,500 people registered for these courses, which included one 10-lecture course of color and black and white photography, one 5-lecture course on color photography, and lecture courses on eight special subjects.

9 - SENIOR CITIZEN DIVISION

The Fifth Annual Senior Citizen Hobby Show conducted by the department and co-sponsored by the S. F. Chamber of Commerce, the S.F. Public Library, the S.F. Labor Council, the Emporium, and the Adult Education Division of the San Francisco Unified School District had an attendance of 4,621 spectators. There were 675 different items displayed by 183 exhibitors.

Six Senior Citizen Groups have been organized and meet on various units of the department. Three were operated during the entire fiscal year while one was started in October, another in November and one in January. The total number of participants was 7,313.

10 - TINY TOTS DIVISION

The department conducts recreational activities for the pre-school child because it is aware that a child's future is built in the beginning years and that guidance is essential during this habit-forming period.

Eighty Tiny Tot Groups met at 37 playgrounds in the forenoon during the regular school year. Total children served was 66,396.

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DIVISION OF SAN FRANCISCO ZOOLOGICAL GARDENS

Attendance at the Zoological Gardens indicates an ever increasing popularity. A count taken on one Sunday showed an attendance of over 32,000 visitors for that day.

Several important improvements have been made in maintenance operations including the repairing of roads, the painting of the Aviary building, the Lion Houses and other structures.

The construction of new temporary moveable cages has helped to eliminate some of the old and unsightly primate quarters.

A number of exchanges of specimens have been made with little cost to the department, thus enabling an improvement of the collection without expense.

The newly organized San Francisco Zoological Society has made valuable donations to the Zoo and helped in other ways.

The master plan for future development of the zoological gardens will soon be completed and this will allow for a more intelligent and less expensive approach to future developments.

Probably the most important items for immediate study are the replacements of the remaining old structures such as the bird pens and the development of the Fort Funston Area.

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DIVISION OF PARKS

1 - Large Park Areas
2 - Buildings, Grounds, Small Parks, Squares
3 - Golf Courses
4 - Strybing Arboretum
5 - Nurseries
6 - Conservatory
7 - Building Repairs
8 - Water Supply and Equipment Maintenance
9 - Water Reclamation
10 - Roads and Paths

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1 - LARGE PARK AREAS

The large park areas include Golden Gate Park, the Panhandle, Presidio Parkway, Mountain Lake Park, Great Highway and Ocean Beach, Sutro Heights and Lands End, San Francisco Zoo, Fleishhacker Playfield and Pool, and the shoreline of Lake Merced, an approximate acreage of 1500.

Under the supervision of the Supervisor of Maintenance, a staff of 166 persons including 13 foremen and 3 subformen supervising the work of 122 gardeners, and 1 subforeman-janitor who supervises 7 janitresses and 13 janitors are assigned to these areas. Their work is supplemented by 5 tree toppers, 1 insecticide spray operator, and 1 rodent control man.

During seven months of the year, 80% of the time of this staff was spent on the irrigation of the properties. The other 20% of the staff's time was spent in rubbish collection and disposal. The late fall and winter months of the year were used in general cleanup, pruning and reconstruction of landscaped areas. The heavy storms of February and March caused considerable tree damage and many washouts. During these stormy periods the staff was extremely busy cleaning up storm damage, clearing catch basins, and filling washouts, with no time lost due to rain. In spite of the large annual precipitation there were only 11 working days on which heavy rains fell. The tree topping crew was assigned to the cleanup of the many dead and broken branches and dead trees which have been unsightly throughout the park for several years. Conservatory Valley was planted in the fall with 20,000 tulip bulbs, and 25,000 annual plants. The spring planting required 22,000 annual plants. Eleven floral plaques were designed and planted requiring approximately 15,500 plants and 231 man-days of labor.

The organizations or events honored were:

Lions International Convention	July
Elks National Convention	July
United Federation of Dolls Clubs Convention	August
35th Annual Season of the S.F. Opera Association	September
United Nations Week	October
1957 Congress of American Municipal Association	December
C h r i s t m a s	December

Women's International Bowling Congress	April
Navy League National Convention	May
American Red Cross National Convention	May
Y.M.I.-Y.L.I. National Convention	June

Throughout Golden Gate Park our perennial display of rhododendrons, fuchsias, and dahlias were well-maintained and this year's floral display was outstanding, due in great part to the mild winter. The Japanese Tea Garden was greatly improved by the installation of new bamboo fences, repairs to the Moon Bridge, and reconstruction of the large "over-look" bridge.

Redevelopment in the main park was at a minimum during the past year due to the late extension of the irrigation season in the fall, therefore, the demand on the nursery was limited to the extent of 740 trees, mostly conifers, 5,914 shrubs, 9,349 perennial vines, etc., and 145,540 annuals.

2 - BUILDINGS, GROUNDS, SMALL PARKS, SQUARES

The work program for this division includes all the grounds, play areas and buildings incorporated within the 93 areas maintained by this group.

Library Units, War Memorial, and Opera House - The grounds of 11 library units were maintained with interdepartmental funds. The lawn areas were rehabilitated through the year. The War Memorial and Opera House grounds were also maintained through interdepartmental funds.

General Division - Watchman Service: The 15 watchmen were assigned as follows in the department:

11 to the general park watchman service
1 to Sigmund Stern Grove
3 to Yacht Harbor

The assignment of a watchman to Sigmund Stern Grove was made necessary because of the elimination of one 058 Gardener from the budget. The efficiency of this group is continuously improving. Close relationship is kept with the Police Department, and their cooperation is contributing greatly to our watchman service.

Mt. Davidson - The annual cleanup of Mt. Davidson for the Easter services required 26 man days, 6 truck days, and 3 days of the operating equipment to control poison oak. The road was graded and all trails cleared and improved.

Kezar Stadium - At Kezar Stadium approximately 50,000 square feet of resodding was accomplished, and 40,000 square feet of lawn area was regraded and reseeded along the edges of the playing field. Two applications of chemical for weed control were applied, and the entire area fertilized twice. Sod was removed from the perimeter border and this area paved. Additional drainage was provided for the track.

Pine Lake Park - Six acres were regraded and seeded. The landscaping was completed around the building.

Sigmund Stern Grove - The usual preparations for the concert season and carnival events required decorating of the stage props, and removal and placing of benches weekly on the lawn area. At the completion of the concert season the lawn area was rehabilitated.

Balboa Soccer Field - Upon the completion of the contract for the soccer field bleachers the slopes around the entire field and areas around the perimeter fence were cleared and regraded for future planting. This preparatory work added to the overall appearance of the field, and the section west of the bleachers was regraded to provide parking facilities. The soccer field was regraded, treated for weed control, and fertilized.

Huntington Park - This park has received a complete rehabilitation, with the installation of a small children's play area alongside of the sand box installation. The landscaping was greatly improved.

Union Square - Many activities were held in Union Square. The usual show of rhododendrons held in conjunction with the Downtown Association and the two annual displays in the flower beds were exceptional. The Christmas season was celebrated with the beautiful decorations installed on the central terrace.

St. Mary's Square - This unit again added its attraction for the general public and particularly the tourists with its annual display of flowers.

Camp Mather Tuolumne County Summer Camp - Seasonal activities included the opening of camp, the clearing of grounds around cabins and forestry work made necessary by the winter storms. Approximately 60 trees of all sizes were destroyed by storms, and considerable damage by ground erosion was due to heavy flooding.

Glen Park - In conjunction with the engineers heavy concentration of brush and trees in Glen Park was cleared for future development of Silver Tree Day Camp.

Eureka Valley - Street trees were planted around the perimeter of the playground.

Baseball Diamonds and Running Tracks - All ball diamonds were bladed and the following were regraded as required:

South Sunset
West Sunset
Sunset
Potrero Hill
Rossi

1,200 cubic yards of loam and 300 cubic yards of river sand were applied to the diamonds. Running tracks at Speedway Meadows, Jackson, Aptos, Silver Terrace and Kezar were prepared for the track season.

Landscaping - Landscape rehabilitation was performed in many units with the following plant materials used:

Trees	602
Shrubs	7,823
Annuals	93,040
Misc.Perenials	4,793

General - Turf Areas: All fields received aerating and fertilizing and some required rolling. Spraying for poison oak included the areas of Mt. Davidson, Stern Grove, Pine Lake, Buena Vista, Sutro Heights and Silver Tree Day Camp.

3 - GOLF COURSES

The three 18-hole golf courses - Harding Park, Lincoln Park, and Sharp Park and the 9-hole course in Golden Gate Park enjoyed a year of exceptional play due to the mild winter.

Harding Park Golf Course - Considerable remodeling work was done as follows:

Entire 17th green was lifted and remodeled and two new sand traps were added.

A practice driving range was constructed which involved clearing trees, brush, etc., grading, and seeding.

Trees with low hanging branches and shrubbery around club house and parking lot were pruned.

Trees were planted on the six-hole practice course, which will act as a divider for the 3rd, 4th, 5th and 2nd fairways.

All aprons around the 18 regular green were resodded.

Tee Nos. 1, 4, 5, 6, 8, 9, 10, 12, 13, 14, 15, 16, 17 and 18 were resodded.

The sand trap on No.16 hole was remodeled so as to provide better drainage.

The six practice greens, the eighteen regular greens, and the two putting greens were aerated and top dressed approximately every two - three months.

The sand traps were weeded and edged and new sand was added.

During wet weather temporary greens were constructed on all eighteen holes.

Lincoln Park Golf Course - Improvements were made as follows:

New pathway was constructed from the 15th green to 16th tee.

New pathway was constructed from 3rd green to 4th tee.

New drain sump was made on 18th fairway.

New drain sump was made near 13th green.

17th green was renovated and made larger.

Many trees were removed and topped around 3rd, 6th, and 11th greens. Several eucalyptus trees were topped.

The golf course was sprayed with weedicide.

All the greens were fertilized three times.

All greens spiked twice.

All tees and aprons were resodded.

20,000 sq.ft. of 6th fairway was seeded.

Pathways from 11th green to 12th tee, from 16th green to 17th tee, and from 17th green to 18th tee were bituminized.

All hedges along Clement Street and shrubs along El Camino Del Mar were pruned in order to provide a view of San Francisco Bay and the Golden Gate Bridge.

New fences were erected for golfers' protection on 4th and 13th tees.

Sharp Park Golf Course - The major improvements consisted of:

I Complete rebuilding of No.12 green and adding an additional tee on No.13. 11,000 sq.ft. of sod on No.13 tee removed and 500 cu.yds. of loam scraped from rough areas along rifle range and hauled over to new tee. New tee raised eight ft. from former level and 8,000 sq.ft. of sod from other area replaced on it. This new tee being double the size of the existing upper tee.

No.12 green stripped of turf and raised by adding of sandy loam for better drainage and enlarged. Better drainage also provided around the edges of the green where it was soggy during heavy rains. Two existing sand traps rearranged and a new trap built in back of green.

No.8 tee was completely rebuilt and enlarged. 7,000 sq.ft. of turf stripped off. Tee raised three feet by the addition of 275 cu.yds. of sandy loam hauled from the edge of No.6 fairway. New soil replaced doubling the size of the original tee with better drainage.

No.3 tee had 100 yds. of sandy loam added to the front end; then new turf was added. This enabled 1/3 more useable tee to be added to the existing one.

Five other tees had minor improvements.

No.1 green improved and enlarged. Over 1/2 of the green, 2500 sq.ft. of sod lifted. Sandy loam added underneath to level green and for better drainage. The sod replaced, green enlarged, and contour changed.

General tree and shrubbery pruning done around entire course.

II - New additions to irrigation system:
Help given to landscape architect in locating pipe lines, gate valves, and snap valves for a detailed blueprint for additions to the existing irrigation system, consisting of replacing stand pipes with snap valves, new gate valves, and laterals for better coverage. Work completed in April 1958 on fairways: Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 18

by Dunne Construction Co., Oakland, California. 200 snap valves and about 80 laterals installed.

A chain link fence installed along No.8 fairway connecting with existing fence by the San Jose Steel Co., 1080 feet of fence erected.

A new putting green of 2,200 sq.ft. with brick curbing installed around clubhouse; curbing was also installed around rest of building and new dwarf conifer shrubs planted inside same.

During April, 1958 after heavy seas had broken through the sand dunes on No.6 fairway, heavy timbers, giant logs, and general debris were deposited on several fairways. Two weeks were needed to clean up and burn this debris.

During the heavy rains of December, January and February, gravel and mud from Coast Highway No.1 and the Sneath Lane Highway clogged up our drainage ditches, storm sewers, and underground pipe lines crossing the fairways from the lake. The ditches were cleaned out and the underground pipes in many places were raised out of the ground and cleaned and then replaced under the turf. 200-300 feet of such pipes were raised and cleaned. 900-10,000 feet of drainage ditches were kept clean and open during the winter.

Golden Gate Park Golf Course - This 9-hole golf course is very popular as it allows for evening play for those who can only find time for recreation in the evening. It has proved the desirability for automatic irrigation of this type of recreational area. The irrigation takes place automatically during the night hours which relieves all inconvenience to the golfers desiring to use this course during the daylight hours. The Lincoln Park Golf Course has, within the last few years, enjoyed a reconstruction of part of its irrigation system, with the installation of an automatic sprinkling system which operates during the night hours. This system would conform to best operation on areas north of El Camino Real, which are now inadequately served manually.

McLaren Park Golf Course - Basic grading was completed during the past year for the new 9-hole golf course in McLaren Park, using 1955 bond funds. Upon completion of this new golf course, the golfing public in the southern portion of San Francisco will be well provided for.

4 - STRYBING ARBORETUM

During the year the Commission retained Dr. Richard Baker, as consultant-coordinator for the purpose of reviewing the present development of the Strybing Arboretum in Golden Gate Park. Dr. Baker has progressed in his study, plant material has been inventoried and classified, and a policy has been established that the Strybing Arboretum and Botanical Gardens should be designed primarily for the education and enjoyment of the general public, with emphasis on displays and exhibits of public interest. The plans for the Strybing Arboretum will increase its usefulness by providing new services and facilities for the public along the following lines:

Classes, lectures, tours, demonstrations, and special programs on gardening subjects.

Information Center at a central location in the Arboretum.

Labeled geographical and ecological Displays, and special types of gardens such as a Garden of Fragrance and possibly Model Gardens.

Lecture Room and display greenhouses in the Arboretum for classes, demonstrations, etc.

Distribution of new, tested plant introductions and New Varieties developed by the Arboretum staff.

Literature on results of gardening tests will be distributed.

Guide Books on selected groups of ornamentals in the Arboretum, giving exact locations, descriptions, and photographs will be available.

Primary Paths designed for view of all areas with a minimum of travel. Secondary paths for study of plants.

Development of Vistas and protected locations for Benches.

Electric Cars for tours through the Arboretum.

House Plants labeled and displayed in a greenhouse in the Arboretum.

5 - NURSERIES

Although the activities of the Nurseries are diversified as indicated in this report, the primary function is to provide plant material for landscaping and renovating the grounds of the department. While the quantity of material produced has been about the same as in the two prior years, fewer plants were drawn from the nurseries this year. (See Exhibit A). The unusually rugged and wet winter is responsible for this drop. Cleanup of storm damage and wet soil conditions postponed many of the scheduled planting jobs until next winter. The results of this delay may work to the department's advantage, however, since it has been some years since all of the material planted out has been large enough to withstand the unusual abuse it receives in some of the grounds by the users of our facilities.

A comparison of two pre-war years (1939 & 1940) is made with the past three fiscal years showing plants sent out. (Exhibit A). The years 1939 & 1940 pre-date the department merger and therefore while the quantities are greater in each case the area served was much smaller. Except for this year the quantities of trees and shrubs has remained about the same indicating that either a saturation point has been reached or we are no longer renovating our overgrown plantings. The nursery staff engaged in the production of landscape plants during the pre-war years indicated averaged fifteen plus. The crew now so employed numbers twelve, minus the man days used on floral arrangements and other services indicated below, most of which were not performed by this section prior to 1950.

Plants Sent Out

Exhibit A

	1939	1940	Fiscal Years 1955-56	1956-57	1957-58
Trees)	44,760	36,354	3,721	5,913	1,805
Shrubs)			23,853	27,909	14,239
Bedding Plants	459,792	409,878	290,069	306,924	246,340*
Perennials, etc	21,201	32,521	10,560	5,112	16,996
Totals	525,753	478,753	328,203	345,835	279,380

* does not include design material nor cut flower crops.

Plant Propagation - San Francisco "Park" has world renown for the great variety of different species that can be grown here. To maintain this fame many different species and varieties of trees, shrubs and perennials are propagated each year. During the time covered by this report 518 species and varieties of plants in this category were propagated from seeds, cutting or grafting. For the two bedding plant seasons 257,280 annuals were grown. An additional 46,400 bedding plants were grown to supply the floral plaque, and 40,160 grown for the production of cut flowers.

Cut Flower Production and Arrangement - Eight thousand three hundred and thirty seven bunches of cut flowers were produced at the Balboa Park Nursery. These, plus many seasonal blossoms cut from Golden Gate Park were used to brighten our city offices and civic functions. The principal offices decorated are the Mayor's suite, the Supervisors' Chambers, and the Recreation & Park Department offices. Floral decorations were provided for the annual May Day Festivities, four receptions of visiting dignitaries held in the rotunda of City Hall, dedications and similar functions.

Specimen Plants - The important group of plants in this category are the Rhododendrons that are sent to Union Square each spring. This year 104 boxed specimens were placed in the square. Upon return, plants were pruned, fed and where necessary reboxed in preparation for next season.

Noble Collection of Conifers - The collection of dwarf and rare conifers given to the Strybing Arboretum by Mrs. Effie Noble, widow of the late James Noble, was dug and moved from the Noble residence to the nursery where they were either boxed or potted to be held until a permanent situation can be planned and prepared for their public display and study. To June 30, 1957 the collection of this group has required 55 man days. An estimated expenditure of 8 more man days will be required to finish reboxing the plants in need of such handling. At this time the collection is in excellent condition.

Plants on Hand - On June 30, 1958, the following quantities were on hand:

Field grown stock	8,500
5 gallon can stock	5,080
1 gallon can stock	47,260
6 inch pots	250
4 inch pots	3,220
2½ inch pots	36,700
	101,010
Floral Plaque material	955 flats

6 - CONSERVATORY

Eight major flower exhibits were displayed throughout the year:

July 1 - Sept.15 -	2000	Begonia Tuber Hybrida in 8" pots
Sept.15- Dec. 1 -	1500	Chrysanthemum in 8" pots
Dec. 1 - Dec. 31 -	500	Poinsettia in 6" pots
Jan. 1 - Mar. 15 -	2250	Cyclamen in 7" pots
Mar.16 - Apr. 30 -	800	Cineraria in 8" pots
Easter	450	Easter lilies in 6" pots
May 1 - June 1 -	600	Calceolaria in 7" pots
June 1 - July 1 -	300	Schizanthus in 8" pots

Other minor exhibits were:

250	Gloxinia
250	Lobelia
200	Amaryllis
300	Coleus
1500	Orchids

These are grown to keep a constant display of blooms in the exhibit case throughout the year.

The following new plant material was received:

2	Bixa orellano
1	Cochliostemma Jacobiniana
1	Pedilanthus tithymaloides
2	Dipladenia splendens
1	Ceratozamia Mexicana
2	Orchids - C. Jeane Patterson
1	Orchid - C. Mossiae

Decorations were supplied for many civic affairs, using the following material:

154	Kentia Palms loaned out
3	Laurel Wreaths for Memorial Services
5	Funeral Wreaths
6	Floating Decorations for Pool Dedications
4	Flower Basket Arrangements
21	Table Decorations
24	Table Decorations
31	Orchid corsages
60	Cyclamen to Reception at City Hall

The following plant material was provided for permanent use at the following locations:

70	Cineraria to Sigmund Stern Grove
100	" to Libraries
250	" to Strybing Arboretum
12	Foliage Plants to Court of Public Relations
12	" " to Junior Museum
10	" " to Recreational Arts Building

In the central palm house of the Conservatory all overgrown palms were removed from bed and the bed re-designed for the display of flowering plant material. Redwood tree trunks were erected in the bed to support 2 valuable specimens of Philodendrons which had been growing on the posts supporting the Dome of the building. It was deemed advisable to remove the plants to insure the safety of the building. This improvement has received many favorable comments since its completion.

The following construction repairs were completed:

Replaced old wooden gates at West end with metal gates.
Rebuilt North Wall of Palm House with new sashbar and Plexiglas.
Replaced 280 square feet of old bench in Palm House.
Installed special metal gutter between Palm House and New Metal House.
Potting shed roof patched to seal leaks and new tar and gravel roof on office.
Painted exterior of No.1 and No.2 Growing Houses and cold frames.
Painted new benches in Palm House.
1350 square feet of black-top paving between Rose House and New Metal House.
Rebuilt section of Dome 10 feet by 15 feet which was blown out by windstorm.

7 - BUILDING REPAIR

Recreation and park structures must withstand continuous heavy use by the public. The natural heavy wear is aggravated by mischievous damage, coupled with careless regard for public property.

To indicate the varied nature of our repair operations, and the large amount of work involved, reference is made to the following summary of work done by the repair division during the year.

The Construction-Maintenance Divison during the Fiscal Year 1957-1958 completed 4,363 work requisitions. This represents an approximate 21% increase in jobs completed as compared to the 1956-1957 fiscal year.

A breakdown of the jobs completed and the trades involved in work done at the different units is as follows:

	Plumbers	Carpen-ters	Cement	Plas-terer	Play App.	Sheet Metal	Fence Dept.	Elec. Dept.	Paint-ers
ALAMO SQUARE	17	8	2		4				2
BALBOA PARK	17	20	2	4	6	5		3	2
ALTA PLAZA	14	2	1		3				3
APTOS	1	1							
AQUATIC PARK	14	21	2	2				6	9
ARGONNE	5	3	2		2		3		1
BAY VIEW	5	4	2					1	1
BERNAL	15	24	2		5	9	5	6	8
BUENA VISTA	5	5			2		2		1
CABRILLO	5	8	4		4		1	2	
CAYUGA	7	16			3			2	1
CHALMERS	6	10		1	2			2	
CHINESE P/G	4	7		1	4	1		2	2
CHINESE CENTER	2	20			2	3	4	1	
CLEMENT COURTS	1				1				1
COIT TOWER	3	17		1				7	1
CONSERVATORY	10	11		5				15	5
COMMISSARY	1	1							1
COW HOLLOW	6	8			3	1			1
CROCKER AMAZON	9	7		1	6				
DOUGLASS	10	20		1	4			6	2
DUBOCE	5	4			4		1		1
EUREKA VALLEY	16	41		1	6	4		14	5
EXCELSIOR	6	8	1		3		1	5	1
EQUIPMENT		12			40	7	24	4	4
H. F. POOL	22	28	8	4	4	1	14	27	10

	Plumbers	Carpen-ters	Cement	Plas-terer	Play App.	Sheet Metal	Fence Dept.	Elec. Dept.	Paint-ers
FOLSOM	5	9	2	2			2	5	2
FRANKLIN	4	2							2
FULTON	3	15			4			1	2
FUNSTON	12	12		5	6		2	9	5
GARFIELD	13	4	2	3		9		3	1
GILMAN	7	1			2				
GLEN PARK	7	8			4	2		11	5
GRATTAN	1	4		1	2			1	3
HAMILTON	15	22	2	2	3	2		7	6
HARDING GOLF C.	12	14							5
HAYES VALLEY		2				2		6	5
HAYWARD BOYS	12	7	1		14	3	3	6	
HOLLY PARK	6	7			6		1		1
HUNTERS POINT	8	17			1	5		12	
HUNTINGTON SQ.	1	2		2	2		2	3	1
JACKSON	7	2		1	5	3	1	2	2
JEFFERSON SQ.	4	1	1						2
JOS. LEE	12	14			2	6		3	2
JR. MUSEUM	1	2		3	1	1	1	3	2
JUN. SERRA	3	9			1	1		5	3
JULIUS KAHN	4	3	1		7		1	2	1
KEZAR STADIUM & PAVILION	23	41	11	4		7	18	24	12
LAFAYETTE	9	6			3	1		1	
LARSEN PARK	11	13			7	1	3	1	
LAUREL HILL	5	6			3			1	
LINCOLN PARK GOLF COURSE	18	25		1	3	2	5	3	3

	Plumbers	Carpen-ters	Cement	Plas-terer	Play App.	Sheet Metal	Fence Dept.	Elec. Dept.	Paint-ers
LEVI STRAUSS	2	8			1				1
MCCOPPIN SQUARE	6	3			4		1		
MCKINLEY	1	3			1				
MCLAREN LODGE	18	27	1			3		38	2
MCLAREN PARK	7	5					2		
MISCELLANEOUS	3	4					1	1	10
CAMP MATHER	3	1				3	1		
MARINA	2	5							
LAKE MERCED	1	3					2	2	1
MERCED HEIGHTS	4	14		1	3		1		2
MISSION P/G	14	28	3	1	10		1	8	5
MICHELANGELO	2	6			1				1
MIRALOMA	3	11			3	2		1	2
MISSION PARK	6	13	1						2
MT. LAKE	11	14	1		10				
MT. DAVIDSON		1						12	
MURPHY	4	7		1	2		2		2
NOE VALLEY CT	4	8			1		2		1
NORTH BEACH	11	11	1		8	3	6	7	3
OCEAN VIEW	7	29		2	3	2		6	4
PALACE OF FINE ARTS	10	4					1	2	1
PEIXOTTO	7	7			2	2			
PHELAN BEACH	2	5					2	1	1
REC ARTS BLDG.	6	31	1	1		6	1	13	2
PRESIDIO PARK	2								
PARK SIDE	7	6			5	1			1

	Plumbers	Carpen-ters	Cement	Plas-terer	Play App.	Sheet Metal	Fence Dept.	Elec. Dept.	Paint-ers
PINE LAKE	6	5	1	1				2	2
PORTOLA	1								2
PORTSMOUTH	6	1							
POTRERO HILL	16	15	1	1	6	2	1	4	
PRESIDIO HTS.	5						1		
RICHMOND	10	9	2		4	3	3		
ROCHAMBEAU	4	16	2		6		3	4	2
ROLPH	2	3			4			6	2
ROSSI	12	10	3	1	4	2	5	1	2
STERN GROVE	13	31	8	5		1	9	14	11
ST. MARY'S	8	11	2	2	2	2	3	4	3
SHARP PARK	22	10	1	3		1	2		2
SILVER TERRACE	7	9		2	5		1	1	2
SILVER TREE CAMP	2						1	1	
SOUTH PARK	2		1						
SO. SUNSET	8	11			3			1	1
STATES	1	1							
SUNNYDALE		1							
SUNSET	16	20	1	1	7	2	2	13	3
SUTRO HEIGHTS	8	1							1
UNION SQUARE	5	5	1	1				3	
UPPER NOE	15	23	1	1		2	8	5	3
VISITACION	6	8			3		1		1
WASHINGTON SQ.	4	4							1
WEST PORTAL	6	8		2	2			2	
WEST SUNSET	8	17			1	3			
HELEN WILLS	6	6			1			2	2

	Plumbers	Carpen-ters	Cement	Plas-terer	Play App.	Sheet Metal	Fence Dept.	Elec. Dept.	Paint-ers
YACHT HARBOR	9	27		5		1	1	4	1
H. F. ZOO	32	21		5		2	26	12	10
GOLDEN GATE PARK									
SEC #1	32	3		1	4				3
SEC #2	58	24	5		14	2	8	16	33
SEC #3	27	43	7	1		9	3	7	8
SEC #4	49	46	3	5		10	7	27	6
SEC #5	43	12				2	2		8
SEC #6	40	11	1			3		5	2
SEC #7	55	14	2	1		2		7	
SEC #8	55	4	4			3		12	
SEC #9	96	58	3	2		2	7	2	13
SEC #11	72	42	2	2	1	3	5	10	6
SEC #12	31	31	3	2			2		4
TOTAL	1,352	1,370	108	96	305	155	218	468	291

GRAND TOTAL - 4,363

During the fiscal year there were 4,565 work orders processed. The backlog of work for the various trades is as follows:

PLUMBERS	16 days backlog
CARPENTERS	35 days backlog
CEMENT FINISHER	66 days backlog
PLASTERER	15 days backlog
SHEET METAL	53 days backlog
FENCE DEPT	95 days backlog
ELECTRIC DEPT	93 days backlog
PAINTING DEPT	346 days backlog

The backlog of the laborers was not computed because they work in conjunction with the mechanics.

The repair work in this department was spread over 132 units. Some of the major repair jobs this department completed in these units are as follows:

Repaired all bridges and installed 1500 feet of bamboo fencing at the Japanese Tea Garden.

Revamped all play apparatus in Children's Quarters and at the H. F. Playfield.

Removed all obscene writings and pictures from all the convenience stations in the department.

Installed additional drains for roofs at Sunset and Ocean View Playgrounds.

Repaired buildings at Stern Grove. Made all necessary repairs for Stern Grove Festival, Children's Carnival, Concerts, Photography Show,etc.

Provided new gates and relined parking lot at Pine Lake.

A crew of 18 men made all necessary repairs at Camp Mather during the two weeks prior to the Camp opening.

Made usual routine repairs to seats, gates, urinals and toilets at Kezar Stadium. Removed portable fence as required.

Made usual repairs to fences and gates, cages, etc. at H.F. Zoo. Stoppages and pipe lines repairs and cement work for new cages.

Made general repairs to Hunters Point Gym.

8 - WATER SUPPLY & EQUIPMENT MAINTENANCE

The pumping of water for our large parks and golf courses and the maintenance of all equipment installed in playground units, swimming pools, recreational installations are maintained by a Chief Operating Engineer and 12 operators, who are assigned to the following schedule:

5 days	-	Chief Operating Engineer - Overall Supervision
7 "	-	Aquatic Park & North Beach Pool
7 "	-	Hamilton & Rossi Pools
7 "	-	Garfield & Balboa Pools
7 "	-	H. Fleishhacker Bathhouse
6 "	-	H.F. Heating Plant & Pump Station
5 "	-	North & South Mills, G.G.Park, Pumping Stations
5 "	-	San Francisco Zoo Area
5 "	-	Service truck on maintenance
5 "	-	Water Works, Pumping Station
7 "	-	2 shifts per day - Water Reclamation Plant

During Irrigation Season April 15 to October 1	5 days	-	Second shift, Water Works, Pump Station
In Season June 1 to October 15	5 days	-	Camp Mather

Aquatic Park and North Beach Pool - These two stations were combined under one operating engineer's supervision. Made repairs to buildings and equipment and maintained schedule of operation for heating and ventilation of buildings, also providing hot water and pool water care seven days per week.

Balboa and Garfield Pools - Both put into operation. Assisted Engineering Division in having contractors fulfill one year's guarantee on equipment. Both pools are under the supervision of one operating engineer seven days per week. Made many minor changes to equipment to conform to best operating practice.

Camp Mather - Made repairs and changes in equipment as needed. Changes for improving the swimming pool operation put into practice. Provided additional operating engineer for short periods to help in preparing for the opening and closing of Camp Mather.

Chinese Recreation Center - Revised gas piping on hot water boilers control system.

Civic Center - Removed pump and other useful salvage equipment from abandoned underground pump room.

Glen Park - Condemned oil fired steam boiler. New hot water system and steam boiler heating units are now being installed by contract. Repaired electric motor on lawn sprinkler system.

Hunter's Point Recreation Center - Secured various new parts, and installed same to place old gas fired heating units in operation.

Kezar Stadium Elevator - Made minor repairs during scheduled inspection visits.

Kezar Stadium - Removed, repaired and reinstalled sewage pump and cleaned sump.

Lincoln Park Clubhouse - Removed and reconditioned steam boiler condensate pump and reservoir.

Lake Merced - Removed Harding Park irrigation pump to Pacific Pump Co. for overhaul. Reinstalled repaired pump complete with new vacuum pump and tank.

Little Rec Pumps - Removed #2 pump for repairs, reinstalled same. Cleaned sump and repaired electrode control system.

Mori Point Pumps - Removed 10 H.P. #1 pump to Pacific Pump Co. for repairs. Reinstalled and put #1 pump into operation.

North Mill Booster Pump - Dried out motor and put back in service after flood from 10" line break. Removed sand and cleaned reservoir.

Phelan Peach - Because of wet salt air condition have requisitioned special type of galvanized air filters.

Pine Lake Clubhouse - Put into operation.

Park Nursery - New high pressure steam boiler installed for soil sterilization. Made minor revisions and placed same into operation.

Potrero Hill Recreation Center - 750 gallon hot water tank ferrolined. Made repairs to controls of large irrigation pump motor.

H. F. Pool - Maintained a satisfactory schedule of cleaning, filling and heating sea water for H. F. Swimming Pool. Added required chemicals to Pool water for algae control and health purposes.

St. Mary's Recreation Center - Renewed 2 electric motors to Field House heating system.

Upper Noe Recreation Center - Maintained operation. Made minor changes as required.

H.F. Zoo and Playfield - Kept miniature train, ferris wheel and merry-go-round repaired and in operation. Had Lion House sump pump and #2 sewage pump repaired at shop #1.

(23) Smaller Playground Recreation Fieldhouses - Made periodic inspection, repair and servicing visits to take care of the heating, ventilating, refrigeration and hot water equipment.

Water Pumped at Various Installations:

North Mill - Through the use of two well pumps, a reservoir and booster pump, North Mill supplies irrigation water - 300 lbs. pressure - to Lincoln Park Golf Course - 3,706,000 gallons per week.

South Mill - Through one well pump and one booster pump, irrigation water at 190 lbs. pressure to west end of Golden Gate Park and Great Highway - 2,784,000 gallons per week.

Merced Lake Harding Booster Pump - Supplies irrigation water to Harding Park Golf Course - 4,900,000 gallons per week.

Water Works - Through the use of 3 well pumps and two booster pumps, irrigation water is supplied throughout the central and eastern part of Golden Gate Park - 4,400,000 gallons per week.

H. F. Pool Heating Plant and Pump Station - Two well pumps, a reservoir and one booster pump supply irrigation water to the Zoo area, and a section of Great Highway - 3,960,000 gallons per week.

H.F. Pool Salt Water Pump - Supplies salt water at 5,000 gallons per minute to fill Herbert Fleishhacker Pool six times per year and skim pool three times weekly.

9 - WATER RECLAMATION

General: The Water Reclamation Plant - Golden Gate Park, operated for a total of 46 weeks during the fiscal year.

The Plant shutdown on Dec. 1, 1957, for its annual repair period. During this time, all equipment was inspected, serviced, and repaired, where necessary. A defect was found in the power failure alarm and was repaired. The grounds were cleaned by the gardeners of this section. The Plant resumed operations on Jan. 13, 1958.

On March 29, the first of two large storms hit San Francisco. The Sand Trap at 20th Ave. and Lincoln Way was flooded and a large amount of sand entered the structure with the sewage. In attempting to remove the sand, it was discovered that the discharge line was clogged. It was decided to by-pass the Plant until repairs could be made and the influent valves were closed. Repairs were well under way, when the second and largest storm arrived on April 2. The manholes on Lincoln Way in the vicinity of 20th Ave. overflowed and a section of Lincoln Way was washed into Golden Gate Park. The Sand Trap was severely flooded with water and sand. All operators were called in to work on the day watch as of April 7 to clean up the damage. The Plant resumed normal operations on April 15.

During the latter part of August 1957, the North Mill was flooded out. The Water Reclamation Plant set up the proper valving and supplied water from Elk Lake to Lincoln Park. The South Mill was also used. The only difficulty that arose was that the old 4" line on South Drive between 19th and 25th Aves. split because of the increase in pressure.

Due to lack of personnel, the Operating Engineers of the Water Reclamation Plant operated the South Mill at night and on week-ends during the early part of the irrigation season. Both the Huntington and Rainbow Falls were operated on Sundays and Holidays. All emergency calls on week-ends, holidays and nights are channeled through the Plant for proper action.

The Plant produced 245.100 million gallons of water during 1957-58. 167.76 million gallons were pumped to the irrigation system, while 77.34 million gallons were sent to Metson, Mallard and the Chain of Lakes by gravity. The water production figure is slightly lower than that of last year. This is due to the curtailed operations during the April storm.

In order to conserve all possible water for irrigation, the running elevation of Elk Lake was raised 4 inches.

Following is a summary of the work accomplished:

20th Ave. Grit Tank (Sand Trap) - This apparatus was operated a total of 34 times at the rate of once per week during the rainy season and every two weeks during the dry season. Approximately 7,080 cubic feet of sand was removed.

Considerable damage occurred in and about the Sand Trap during the storms of March 29 and April 2. All operators were placed on the day shift in order to repair the damage. The 4" discharge line under Lincoln Way was full of sand and required 3 days to clear it. In order to give better access to the discharge line and to provide a better flushing system, the Nordstrom valve and the flushing valve were removed from the pump sump and installed outside of the pump house adjacent to the south wall of the sump.

At the present time, work is still under way clearing the sand and debris from around this structure.

Sedimentation Units - All flights were inspected, bolts tightened, chains and sprockets carefully checked. Two swinging flight brackets in the final tank required repairing. New bearings were installed in the drive motor, and the entire unit was serviced and painted. The main drive shaft is being painted every 6 months and the handrails and sludge valves once per year.

Aeration Units - All units were cleaned, inspected, and serviced. Diffusers in the south aerator were removed and replaced. Those removed were cleaned, baked, graded as to porosity, and stored for use in the north aerator next year. The baffle walls between #3 and #4 bays and between #7 and #8 bays were realigned and new cleats installed. The hand rails were painted. The walkways were painted and white sand sprinkled on the north walkway so as to provide an antislip surface. New fishplates were made at Shop #1 and installed on the crane tracks. #1 blower unit motor disassembled, cleaned, baked, and "glyptaled".

During the shutdown period #2 blower unit motor blew out. It was sent to the Dept. of Public Works for overhaul. Inspection revealed that the #5 blower unit muffler had rusted through (from the inside-out). This unit was beyond repair and since there were no immediate funds available for replacement, it was decided to operate without this unit. It was removed and the air filters relocated on the inlet piping. Tests revealed satisfactory operation with a negligible increase in noise.

Chlorination Units - All units were inspected and tested. The power diaphragm and water reducing valve diaphragm were replaced in #2 chlorinator. All 5 chlorine valves were cleaned and inspected. New discharge hose was installed on all 3 units and a new hose guard was made and installed. During the operating season, a routine check revealed a "ground" had developed, on the chlorinator pump wiring system. This was located and repaired before any damage occurred.

Elk Glen Lake Pumps - The Elk Glen Lake pumps operated for 1,864.98 hours and pumped 167.76 million gallons of water to the irrigation system. Again, these figures are somewhat lower than those of last year, due to the April storm. Both pumps were serviced. The timer circuit of #2 pump starter was cleaned and adjusted. The brass finish of the pressure and vacuum gauges was restored to its original luster.

Lloyd Lake Pump (Rainbow Falls) - This unit is used to activate Rainbow Falls. It is operated 5 hours on Sundays and Holidays. The pump and motor is serviced routinely. The Pacific Gas and Electric Co. removed and overhauled the oil circuit breaker. The April storm caused some of the rock at the base of the Falls to slide into the return channel and the Falls could not be operated. This condition was cleared up in about 7 days by the gardeners of that section.

Laboratory - During the fiscal year the laboratory conducted routine control and research analysis relative to the operation of the plant. New control tests have been instituted which has resulted in more efficient Plant operation.

(1) The condition of Stow Lake relative to algae and fish life was investigated and a report made. In January, Stow Lake, together with Elk Lake and Strawberry Hill Reservoir, was treated with Copper Sulfate (Bluestone) to kill the algae. This was carried out by the staff of the Water Reclamation Plant.

(2) Starting on Aug. 17, 1957, the Laboratory undertook the emergency chlorination of the domestic water supply reservoir at Sharp Park Golf Course. This reservoir is now inspected and chlorinated routinely.

(3) The Preece Test is conducted routinely for the Engineering division. This test determined if galvanized products meet our specifications.

(4) The Lagoon Pumps at Sharp Park were "gauged".

(5) Investigated an algae problem on the sidewalks at Alta Plaza. The laboratory supplied the proper chemicals and instructed the gardeners in its use. Within 10 days the condition was cleared up.

(6) Supplies and materials were ordered for the Camp Mather swimming pool, and instruction was given to the Camp Mather personnel in the operation of the swimming pool.

(7) The Soil, Boiler Water, and Swimming Pool Water analysis programs are being continued.

10 - ROADS AND PATHS

This division is under the direction of a Supervisor of Construction who is responsible for the maintenance, construction and reconstruction of the roads and walks of the Department, as well as the grading of areas for landscape work.

The crew performing this work is comprised of 1 labor foreman, 16 laborers, 24 chauffeurs and 1 engineer of portable engines. The equipment used in this division includes a caterpillar tractor, a motor patrol blade, a road roller, bitumal spreader, aggregate spreader, 1 International Farm tractor loader, 1 International tractor, 1 Minneapolis Moline bucket loader, and a fleet of trucks and tractor mowers.

Special jobs beyond the regular maintenance during the year were as follows:

Hayes Valley Playground - Graded lots after buildings were demolished to make area safe for the public.

Zoological Gardens - Developed a parking lot and moved road in the service area.

Golden Gate Park - Developed a parking area along chain of Lakes drive for Bercut Equitation Field. Moved Hearst Monastery stone to another storage area and graded Corporation Yard area for the new buildings.

Golden Gate Park Polo Field - Slope at west end of stadium was extended by additional fill and graded. This area was graded to simplify the maintenance of the turfed slope.

Harding Park - Graded new area lying between the 1st and 10th fairways for a driving range.

Lake Merced at Highway - Installed several blocks of rail fencing to protect Lake Shore area from litter bugs.

H. Fleishhacker Playground - Graded area for installation of S.P.locomotive and cable car for children.

ANNUAL REPORT

1957-1958

DIVISION OF ENGINEERING

1. Outline of Activities
2. 1947 Recreation Bond Fund
3. 1955 Playgrounds & Recreation Centers Bond Fund
4. Capital Improvement Projects, and Repairing, Maintenance, Rehabilitation and Replacement Jobs
5. Special Projects and Miscellaneous Work
6. Landscaping

During fiscal 57-58 the Engineering Division of this department operated under a considerable handicap due to a shortage of engineering personnel. For some periods, for example, as few as six permanent appointees were available out of a total of 13 authorized Bond Fund Engineering personnel. At the same time more than normal demands were being made on this division as a result of the necessity to redesign many projects due to the inflationary spiral in building costs. In spite of these difficulties, however, the division succeeded in awarding a total of $2,032,538 in contracts. This total was made up of $1,563,533 in Bond Fund monies, $225,550 in Capital Improvement funds, and $243,455 in budgeted appropriations.

It should be understood that the awarding of contracts for construction work involves the Engineering Division in a variety of problems. First, the division must provide the plans, specifications and estimates of cost, or engage the service of a consulting architect for this work. After the contract is awarded, this division must provide a trained engineer for continuous inspection of the work in the field. This is to insure that all workmanship and materials meets acceptable standards and is in accordance with the specifications.

Progress made in our Capital Program includes:

1. In the 1947 Bond Fund, major construction work has been completed in all but two projects. Of these two, one (Hayes Valley Playground) will be under construction not later than September 30, 1958, and the other (Day Camp) is expected to be under construction sometime in fiscal 58-59.

2. In the 1955 Bond Fund, out of a total of 38 proposed projects four have been completed, eight are under construction, twelve are in the process of design, and it is expected to commence construction on them with the next fiscal year, and fourteen are in the preliminary planning stage.

In addition to all of the above, this division also devoted considerable man-hours toward the following accomplishments:

1. Storyland - $208,104.50 has been spent toward the completion of this project, which was made possible through public subscription.

2. Hall of Flowers - Out of $26,040.00 made available through State subventions, this division awarded contracts in the amount of $19,530.00 for architectural services.

Furthermore, the division was responsible for an overall survey of the irrigation requirements for Golden Gate Park and the proposed new McLaren Park; preliminary studies in connection with the proposed bond issue for the construction of the Ferry Park; the proposed bond issue for the reconstruction of the Palace of Fine Arts, and the proposed bond issue for a Small Boats Harbor.

This work was accomplished with a budgeted staff consisting of a supervising engineer and seven assistants, plus thirteen Bond Fund men.

1 - OUTLINE OF ACTIVITIES

Planning and Programming

Investigation and Reports - Made surveys and report on the feasibility of any proposed work affecting either department-owned properties or properties which will ultimately come within the jurisdiction of the department.

Planning - Prepared preliminary plans and estimates of cost to be used as the basis for requesting funds.

Programming - Scheduled approved projects and prepared architectural or engineering contracts, and arranged for design by departmental personnel.

Design - Prepared contract drawings, specifications and detailed estimates of costs, or supervised the preparation of same by architectural and/or engineering firms; also recommended acceptance of preliminary and/or final plans, and changes.

Construction:

Prepared for advertisement of bids, and recommendations in regard to award of contracts.
Maintained constant inspection and supervision of construction work in the field.
Prepared modifications of contracts where required.
Interpreted plans and specifications and clarified sketches.
Approved progress payments.
Recommended acceptance and approval of final payment.

2 - 1947 RECREATION BOND FUND

Garfield Recreation Center - Completed in 1957, this project consists of a 40x100 foot completely enclosed swimming pool; a mechanical

equipment room that houses the heating, filtering, chlorinating, and other miscellaneous equipment; boys' and girls' locker rooms, showers, and toilets; facilities for selling tickets, issuing suits and towels, and checking valuables; instructors' and lifeguards' quarters; office; first aid room, and sun terrace. The total cost of this project was $499,693.74. The major portion of this cost was devoted to construction ($425,423.40)

Rossi Recreation Center - Facilities provided are practically identical with those at Garfield, as described above. Due to differences in topography and the nature of the engineering problems involved, the total cost of this project was $471,680.02, of which $413,140.70 was for construction.

Pine Lake Recreation Center - Completed in June 1958, this project consists of a small fieldhouse with a kitchen, storage rooms, director's office, and boys' and girls' toilets, to which is attached a 700 square foot pergola for outdoor activities. A paved parking area with approximately 33,000 square feet has been provided, as well as an outdoor camping site with running water available in various locations throughout the area. All grounds were landscaped and watered thru an independent irrigation system. The total cost of these facilities is $100,842.37, of which $82,237.00 is for construction.

Balboa Recreation Center - Completed in April 1958, this recreation center, generally speaking, is similar to Garfield, as described hereinabove. In addition, this building has provision for a public address system and a broadcasting room. Total cost of this project was $499,610.70, of which $432,577.84 was for construction.

Eureka Valley Fieldhouse - This installation, which previously had been considered complete, was found to require certain miscellaneous changes and additions which were completed in November, 1957. These changes consisted of such items as additional hardware, the need for which became obvious after the opening of the fieldhouse to the public. The cost of these changes was $3,213.00, bringing the total cost of this project to $562,654.80.

Hayes Valley Recreation Center - During the fiscal year just ended, this project (the land for which had previously been acquired) was brought another step toward completion. Two contracts for the demolition of the existing buildings on the acquired land were awarded and completed. The total cost of this work was $13,152, bringing to a total of $156,489.38, the amount which has been spent to date on this project, including the cost of land acquisition.

Corona Heights - During the fiscal year, a road relocation contract was awarded on the basis of plans and specifications prepared by our design section. The work consisted of the completion of the softball field and paved areas, completion of protective fencing along the bluffs, erosion prevention, grading and planting, and completion of the irrigation system. The contract, in the amount of $28,342.05, was awarded in December 1957, and as of June 30th is 95% complete.

1. Access and Utilities Ramp - This project, which is in the design stage as of June 30, involves the placing underground of Junior Museum utility pipe lines from their exposed, temporary location over a 50-foot high bluff into a reinforced concrete access ramp between the Junior Museum and States Street Playground.

2. 16th Street Conform Work - This project, in the design stage as of June 30, involves asphaltic paving, concrete curbs and sidewalks, grading, sloping, benching, fencing and relocation of fire lines onto Recreation and Park Department land adjacent to the recently improved portion of 16th Street (Junior Museum entrance road).

Silver Tree Day Camp - This project is to be designed by departmental personnel. As of June 30, design for the heat and ventilation of the building as well as the overall architectural and structural designs are complete. Preliminary plans for the building are expected to be completed within 90 days.

Upper Noe Playground - Major construction on this work was completed in a previous fiscal year. On the basis of experience of the department gained after the opening, several changes, comparatively minor in scope, have been made during this year. These include the design and installation of the baseball backstop for the playfield, and the installation of supplementary outdoor lighting.

3 - 1955 PLAYGROUNDS & RECREATION CENTERS BOND FUND

Aquatic Park Pier - Completed in July 1957, this project consisted of repairing the pier, providing new supports for it and constructing a stone groin to protect the pier from the action of the waves. The total cost of the project was $71,634.79.

Balboa Soccer Stadium - This project consists of a reinforced concrete structure with a seating capacity of 5,000, plus facilities for concessionaires, public rest rooms, radio and public address rooms, and press box, players' dugouts, and storage space. Work was completed in April of 1958 at a total cost of $251,879.35, of which $226,037.55 was for construction.

Bernal Fieldhouse - Completed in December 1957, this project was a rehabilitation job on an existing building. The result was a gymnasium with raised stage at one end and kitchen and clubroom at the other. An existing two-story structure adjacent to the main building was razed and a new annex consisting of a director's office, boys' and girls' toilet rooms, and a service room was built in its place. The total cost of this work was $46,731.83, of which $39,472.95 was for construction.

Golden Gate Park Irrigation - The work done on this project during the fiscal year just ended brought to completion Phase I of the proposed expenditure of $500,000. Plans, specifications and estimates of cost have been accepted and approved, and the department is prepared to proceed with Phase II as soon as additional funds become available.

Larsen Park Swimming Pool - This project consists of a completely enclosed 40x100 foot swimming pool with the following facilities: boys' and girls' locker rooms; instructors' and lifeguards' quarters; check-room for selling tickets, issuing suits and towels and checking valuables; first aid room; public address room; storage rooms; sun terrace, and a mechanical equipment room housing the heating, filtering, chlorinating and other miscellaneous equipment. Completion is scheduled for December 1958; however, there is every reason to believe this facility will be in service much earlier than scheduled. A total of $408,868 has been committed to this project to date and at the present time it would appear that costs will not exceed estimates.

McLaren Park Swimming Pool - Facilities and time schedule relating to McLaren Park Pool are exactly the same as Larsen Pool described above. However, there is a difference in cost; $410,546 has been committed to this project to date and it is expected that final costs will not exceed estimates.

Silver Terrace Bleachers - This project consists of a reinforced concrete structure that not only provides seating capacity for 672 persons but also contains two separate locker rooms, two shower rooms, four rest rooms, storage space, and a mechanical equipment room that houses the boiler and other miscellaneous equipment. Completion is scheduled for September 1958, and the total estimated costs are expected not to exceed $165,000.00.

Funston Bleachers - The facilities at Funston Bleachers are generally the same as those described above for Silver Terrace with the exception that seating capacity is 809 persons. Completion is expected in December 1958, at a total cost not exceeding $195,000.00.

Corporation Yard - This project will provide new and modern shops, storage, maintenance and repair facilities for all of the department's equipment at the same site as the present crowded and outmoded facilities in the park. New reinforced concrete buildings for the various repair shops and a warehouse building to be operated by the Purchasing Department are included. The major construction work was awarded in February 1958, and is presently in process of construction. Completion of this contract is expected in November 1958. Concurrently, the department intends to request additional funds in order to provide all of the facilities necessary to permit the full utilization of the new premises. Up to the present time $200,000 has been committed to this project and it is expected that $45,000 additional will be required.

Washington Square - This project consists of a complete rehabilitation of the existing site. The present convenience station has been demolished, and after the entire area has been regraded a new convenience station with storeroom will be constructed, as well as walkways and landscaping. The sum of $46,710.44 has been committed to this project to date, and total costs are expected not to exceed $50,000. This project is scheduled to be completed in September 1958.

McLaren Park Golf Course - This project represents the first step in the overall development of the new McLaren Park. It consists of the relocation of the present Gilligan Drive and a rough grading for the 9-hole golf course. Additional contracts will be let to complete the golf course after the present contract has been completed in September 1958. It is expected that a total of $300,000 will be expended on this portion of McLaren Park development, and additional funds to accomplish this are being requested.

McLaren Park Development - This project is still in the preliminary planning stage. Department personnel have been working in cooperation with other City departments and with the various utilities, making surveys and preparing rough drafts in preparation for commencement of architectural and engineering design work. Funds for this project are being requested.

Irrigation Projects - This title includes small irrigation jobs at the following departmental properties: Great Highway, Jefferson Square, Dolores Boulevard, Lafayette Square, Alta Plaza and Alamo Square. Plans and specifications for the repair and/or replacement of the irrigation systems at these locations are being prepared by staff personnel. As of June 30, preliminary plans were completed.

Projects Ready For Construction - Lake Merced Sports Center, Russian Hill Park, Jackson Playground, Portola Playground and Golden Gate Park Bowling, Handball and Tennis Courts. As of June 30, the projects listed above were reaching the final stages of design. In all cases architects were in the process of submitting plans for approval and acceptance and it is expected that construction will start on these projects within the calendar year.

Projects In Planning Stage - Holly Park, McCoppin Square, Duboce Park, Helen Wills Playground, Marina Playground and Diamond Heights. As of June 30, these projects were in the preliminary planning stage. Departmental personnel were engaged in making surveys, reports, consulting with architects and engineers, contacting other departments and/or governmental agencies, and preparing to award contracts to architectural firms for the completed designs and plans.

4 - CAPITAL IMPROVEMENT PROJECTS, AND REPAIRING, MAINTENANCE, REHABILITATION AND REPLACEMENT JOBS

Aquatic Park

(1) Alterations to Bath House - Plans and specifications by consulting architect provided for constructing a new entrance to and painting of the Senior Center. Work completed.

(2) Resurfacing of the Intermediate Deck - Plans and specifications by the Engineering Division provided for the resurfacing and waterproofing of the roof deck with a synthetic seal and wear coat. Work completed.

Herbert Fleishhacker Playfield

Repairs to Merry-Go-Round - Plans and specifications by the Engineering Division provided for repairs to building and animals and the cleaning and painting thereof. Painting of the animals and murals was of an artistic nature. Work completed.

San Francisco Zoological Gardens

(1) Movable Wire Fabric Cages - Plans and specifications by consulting architect provided for six wire cages for birds and small animals. Work completed.

(2) Painting of Aviary and Lion House - Plans and specifications by the Engineering Division provided for the interior and exterior painting of the aviary, lion house, zoo cafe, and five paddock barns. Work completed.

(3) Movable Chain Link Cages - Plans and specifications by consulting architect provided for six cages for small animals. This work approximately 60 per cent complete as of June 30.

(4) Giraffe and Pony Barns - Plans and specifications by consulting architect provided wood frame housing for giraffes and ponies, with space for equipment for their care. Work in progress.

(5) Repaving of Mall - Plans and specifications by consulting architect provide leveling and wear coat of a laycold asphalt in mall between lion house and pachyderm house. Work in progress.

(6) Alterations - Plans and specifications prepared by consulting architect provided for alterations to moats and doors in pachyderm house. Work in progress.

(7) Fencing - Plans and specifications by consulting architect provided chain link and wire fabric fencing of animal paddocks. Work in progress.

Sharp Park Golf Course

(1) New Chain Link Fence - Plans and specifications by the Engineering Division provided for a six feet high chain link fence north of clubhouse. Work completed.

(2) Sharp Park Irrigation - Plans and specifications by consulting architect provided for extension of existing irrigation and installation of quick coupler valves. Work completed.

Improvement and Reconstruction of Kezar Stadium - Plans and specifications by consulting engineer provided for a new toilet, renovation of three toilets, alterations to seven gates, and leveling and paving under the stands. Construction work on this project approximately 20 per cent completed as of June 30.

Rehabilitation and Renovation of Recreational Buildings and Structures

Plans and specifications by consulting architect provided for alterations and renovation of Funston Fieldhouse; replacement of plumbing in boys' and girls' toilets at Mission Pool; glazing of five recreational buildings, and painting of 12 recreational buildings. This work as of June 30 has been awarded but not certified.

Rehabilitation of Spreckels Bandstand - Plans and specifications by consulting engineer provided for waterproofing the exposed surface of sandstone of the entire building, sandblasting of cement treads and risers, painting of wood platform and the furnishing and installing of the cement urns. Work completed.

Paving of Tennis Courts in Golden Gate Park and Alamo Square - Plans and specifications by the Engineering Division. This work provided filler and wearcoat surfacing over existing pavement. A laycold asphaltic cement was used. Work completed.

Installation of New Roofing Various Recreational Buildings

Plans and specifications by the Engineering Division. This work provided for asphalt strip shingles at Mission Pool director's office and at Rochambeau Recreation Center, and for hot process built-up roofing at the potting shed and office, Golden Gate Park Conservatory, Sunset Recreation Center and Ocean View Recreation Center. Work completed.

Installation of Aluminum Shingles at Various San Francisco Parks

Plans and specifications by the Engineering Division. This work provided for aluminum shingles on convenience stations at Alta Plaza, Golden Gate Park Parhandle, Larsen Park, and Duboce Park. This material was specified in an attempt to reduce maintenance costs. Work completed.

Children's Quarters Merry-Co-Round - Plans and specifications by the Engineering Division. This work provided for covering Merry-Go-Round roof with a treated spun glass material. Work completed.

Replacement of Chain Link Fencing - Plans and specifications by the Engineering Division provided for replacing of mesh and renovating of existing poles at Margaret Hayward Playground, Funston Playground, Coolbrith Playground, Alta Plaza, Julius Kahn Playground, Argonne Playground, and Fleishhacker Pool, and installation of new fence in Harding Park. This work was 20 per cent completed by end of fiscal year.

Installation of New Chain Link Fencing - Plans and specifications preparedby the Engineering Division provided for new chain link fencing at Fulton Playground, Chinese Playgrounds, and the Golden Gate Park Horseshoe Courts, and replacement of mesh on portions of existing fence at Chinese Playground. Work completed.

Construction of Baseball Backstops - Plans and specifications by the Engineering Division. This work provided for the erection of chain link baseball backstops at Bay View and Julius Kahn Playgrounds. This work is 25 per cent complete as of June 30.

Herbert Fleishhacker Pool -

(1) Replacement of Terra Cotta Scum Gutter - Plans and specifications by the Engineering Division provided for the replacement of broken terra cotta scum gutter units in the swimming pool, with like units. The contract for this work has been awarded,but the starting date has been postponed pending the closing of the pool at the end of the season.

(2) Replacement of Concrete Pavement - Plans and specifications by the Engineering Division. This work consists of replacing broken pavement around swimming pool with five inches of concrete pavement reinforced with wire mesh. The contract for this work has been awarded but the starting date has been postponed pending the closing of the pool at the end of the season.

Repair of Sun Dial and Replacement of Pedestal - Specifications prepared by the Engineering Division. This work provided for a new dial pointer and a new pedestal for the sun dial located in Golden Gate Park. This work was 10 per cent completed this year.

Construction of New Stage, Sigmund Stern Grove - Plans and specifications by consulting architect provided for construction of a new concert stage on prefabricated prestressed concrete slab and painting of existing buildings. The construction work has been postponed until the close of the concert season.

Glen Park Heating System - Plans and specifications by consulting mechanical engineer provided for new boiler, heat piping and controls at Glen Park Recreation Center. This work is 20 per cent complete as of June 30.

5 - SPECIAL PROJECTS AND MISCELLANEOUS WORK

This section includes all work of the division not specifically related to either bond fund projects or projects authorized in the annual budget. The summary below is intended to indicate only a few of the more typical jobs included in this work.

Croker-Amazon - The Engineering Division provided consulting services in connection with the proposed transfer of this property from the San Francisco Housing Authority to the Recreation and Park Department. The Housing Authority plans an expenditure of $400,000 in order to restore the property to its pre-World War II condition. This division is providing liaison with the arvhitects and approving the detailed changes.

San Francisco Municipal Stadium - The division is providing consultative services when requested in connection with the construction of the proposed new baseball stadium due to the fact that the construction on this complex project is being financed in part out of the 1954 Recreation Bond Fund. To date, department personnel have held conferences with architects and other City departments involved in this work.

Storyland - This project, which is being financed through public subscription, provides for a children's exhibit area depicting scenes from Mother Goose and fairy tale stories. Exhibits are wooden and concrete buildings. and the walls will be adorned with fiberglass figures and ornaments. As of June 30, 1958, the first phase of the construction work on this project is approximately 80 per cent complete.

Hall of Flowers - This project is presently in the design stage and is being financed through funds made available by State subventions. When completed the City will possess a new and beautiful exhibition hall suitable for the holding of flower shows and activities of a botanical nature.

Proposed New Bond Funds - The services of the division are called upon to provide advice, make preliminary surveys and estimates of cost in connection with any new bond funds which propose to provide or improve facilities of either a decorative or recreational nature. The division this year was actively engaged in studies concerned with the following projects:

1. Ferry Park
2. Palace of Fine Arts
3. Small Boats Harbor

In addition to all of the foregoing, the division acts in an advisory capacity to other departmental divisions and to other City departments in problems of an engineering landscaping nature.

6 - LANDSCAPING

The division landscape architect, assisted by draftsmen and other engineering personnel as required, performs work on a wide variety of projects. The duties of the landscape architect include, but are not limited to the following:

To provide plans, specifications and estimates of cost for all the landscaping portions of departmental construction projects, and to act as coordinator for the department with consulting architects when the nature of the project requires this service. All of those bond fund projects which include any grounds have been benefited from the services of this unit of the Engineering division.

As indicate above, a considerable number of man hours were devoted during the year to such extra-curricular projects as the Ferry Building Park. Here, for example, a series of conferences with various City agencies resulted in agreement on a preliminary plan for a park at the foot of Market Street. This preliminary work provided some realistic cost estimates as well as a plan that could be presented to the public in the coming November election.

The landscaping unit also serves in a consulting capacity to other City departments when required. Finally, inspection and approval of all landscaping on all construction projects is the responsibility of this unit.

ANNUAL REPORT

1957-1958

DIVISION OF BUSINESS AND ADMINISTRATION

1 - Revenue Units
2 - Appropriation and Revenue Statistics

Division of Business and Administration

The comparison of original budget appropriations with expenditures and estimated revenues with realized revenues as requested by the Mayor will be found appended at the end of this report. As has been true for the past several years, the original budget appropriations for Materials and Supplies and Contractual Services proved insufficient to carry on normal operations of the department for the year. As the department's facilities continue to expand further, substantial increases in appropriations in these categories will be required.

1 - REVENUE UNITS

Kezar Stadium - Kezar Stadium was the scene of 41 football games which attracted a total attendance of 668,504 persons. Of the total attendance there were 627,904 persons who paid admission to see these exhibitions.

Rental collections totaled $159,928.19 which broke all existing records for stadium revenue since the stadium was opened in 1925. Note should be made that the Forty-Niners played an extra game during the season to settle the first place tie. As a rule the need for an extra game will only happen on an average of once in a ten year period. Even without the extra game the stadium revenue was still higher than any other year by $11,700.00. The last six Forty-Niner games were complete sell-outs. It was estimated that at least 10,000 persons were unable to secure tickets for each of the last three games.

A total of 47 track and field meets were held in the stadium during the year. While this activity does not enjoy a great spectator interest, it does furnish an extensive program for the participants from the public and parochial schools and several athletic clubs.

The May Day Festival sponsored by this department was held in the stadium on May 3, 1958. Over 1,000 children participated in this event, which was enjoyed by more than 3,500 spectators.

The annual school traffic review was again held in Kezar Stadium with more than 1,000 boys and girls participating in the event.

On June 4, 1958, an international soccer game was played in the stadium between an all star team from San Francisco and the Manchester City professional team from England. This was a night game and drew a paid attendance of 6,469 persons.

On August 11, 1957, San Francisco witnessed its first Canadian professional football game played between Vancouver and Edmonton. Paid attendance for this event totaled 10,413 persons.

Kezar Pavilion - The basketball program extended over a period of seven months beginning in September and ending in April. A total of 58 high school, college and club games were played during the season and attracted a total of 62,800 persons who paid to see this very popular sport. Rental receipts for the pavilion totaled $4,918.76 for the year.

Kezar Pavilion has been the home court for the University of San Francisco since the pavilion was opened in 1927 except for two years when they used the Civic Auditorium (1942) and Dreamland (1943) as their home courts. The 1957-58 basketball season was the last at Kezar Pavilion for the University of San Francisco as they will move to their own court located in the auditorium recently constructed on their campus.

During the year the following special events were held in the pavilion:

(1) The final session of the San Francisco Examiner basketball school. More than 300 boys and girls attended.

(2) Recreation and Park Department table tennis championship matches.

(3) Northern California Table Tennis Association championship matches.

(4) Folk dancing co-sponsored by the Recreation and Park Department and the Northern California Folk Dancing Federation was held on seven Sundays and was well attended at each session.

(5) Boy Scouts "Walgazer" night.

(6) Drum and Bugle competition sponsored by the Twin Peaks Native Sons.

Golf Courses - Total volume of play at the four golf courses exceeded 340,000 rounds. It is estimated that the rounds played at each course and the actual revenue was as follows:

	Rounds	Revenue
Harding Park	115,000	$144,204.00
Lincoln Park	75,000	84,716.00
Sharp Park	75,000	84,783.00
Golden Gate Park	78,000	54,243.00
Total	343,000	$367,946.00

Starting time reservations for week-end and holiday play accommodated some 65,000 players during the year.

Coit Tower - More than 300,000 sightseers visited the area surrounding the Tower during the year. More than 103,000 visitors used the elevator in the Tower from which $30,246 was received. Expense of operations totaled $24,789 for the year.

Yacht Harbor - Fees collected for berthing space during the year totaled $30,942 while operating expenses amounted to $25,704.00. Plans were made to add approximately 34 new berths to the harbor by closing one of the existing entrances.

Children's Quarters (Golden Gate Park) - There was a slight increase in the number of visitors to this area during the year. The total number of rides exceeded 226,000 as compared with 208,000 rides the previous year. Total revenue from rides and refreshment sales amounted to $58,262.00 while operating expenses amounted to $74,908.00.

Fleishhacker Playfield - This ever popular play area again attracted hundreds of thousands of people during the year. The children's ferris wheel was reconstructed and placed in operation to the delight of many youngsters. The Southern Pacific Company's gift of a steam locomotive added a new attraction to the play apparatus area with thousands of youngsters spending many enjoyable hours on or about this new piece of "play apparatus".

The rides (ferris wheel, merry-go-round, miniature train and ponies) drew more than 665,000 patrons during the year. Total revenue from the rides and refreshment sales was $222,100 while operating expenses totaled $208,920.00.

Construction of the new Storyland was started during the year in the area adjacent to the children's play area.

Camp Mather - This summer vacation camp enjoyed one of its most successful seasons since the camp was opened in 1924. More than 25,800 guests vacationed at Camp Mather during the 1957 season with an average of 336 guests per day. A total of 88,800 meals were served, including those served to personnel and transients. The cost per meal was 70¢ which included salaries as well as the food served. Total revenue for the year was $114,345.00, while the operating expenses were approximately $105,000.00.

COMPARISON OF EXPENDITURES FOR ALL APPROPRIATIONS
OTHER THAN THOSE FOR PERSONAL SERVICES, WITH ORIGINAL
BUDGET APPROPRIATIONS FOR 1957-1958

GENERAL DIVISION	Original Budget Appropriation	Expenditures	Difference
Contractual Services	26 565	26 803	238
Telephone & Telegraph	16 000	17 500	1 500
Scavenger Service	6 622	9 729	3 107
Window Washing Services	1 182	1 037	- 145
Pest Control	120	120	--
Repairs Other Equipment	600	592	- 8
Services Reproduction Bureau	2 600	3 811	1 211
Use of Employees Cars	6 000	8 000	2 000
Mtce. & Repair - Buildings	54 050	51 053	-2 997
Mtce. & Repair - Structures	11 525	17 190	5 665
Mtce. & Repair - Automotive Equip.	40 000	42 216	2 216
Reconstruction & Replacements	81 810	75 708	-6 102
Heat, Light & Power	100 000	104 306	4 306
Engineering Services - Soundings	500	500	--
Concerts	32 770	32 667	- 103
Materials & Supplies	157 873	175 422	17 549
Fuel & Lubricants	25 750	28 937	3 187
Dry Goods & Wearing Apparel	3 750	3 415	- 335
Stationery Withdrawals	1 700	1 700	--
Foodstuffs	1 378	1 378	--
Canned Goods & Dried Fruits	300	300	--
Soil & Fertilizer	10 000	9 690	- 310
Forage & Food for Animals	1 150	1 124	- 26
Equipment	110 762	97 217	-13 545
Accident Compensation	19 717	29 077	9 360
Judgments	1 000	16 652	15 652
Premium on Official Bonds	250	291	41
Insurance Premiums	6 000	5 641	- 359
Membership Dues	1 124	977	- 147
Taxes	1 140	3 858	2 718
Rentals	4 587	4 212	- 375
Total General Division	726 825	771 123	44 298

COMPARISON OF EXPENDITURES (CONTINUED)

SAN FRANCISCO ZOO	Original Budget Appropriation	Expenditures	Difference
Contractual Services	510	337	- 173
Use of Employees Cars	300	300	--
Mtce. & Repair - Structures	15 000	11 294	- 3 706
Reconstruction & Replacements	20 000	18 099	- 1 901
Heat, Light & Power	6 700	7 285	585
Materials & Supplies	3 363	2 968	- 395
Forage & Food for Animals	59 000	72 030	13 030
Equipment	4 740	4 081	- 659
Total San Francisco Zoo	109 613	116 394	6 781

COMMISSARY			
Contractual Services	6 814	5 982	- 832
Repairs Other Equipment	2 000	1 984	- 16
Mtce. & Repair - Buildings	1 100	1 075	- 25
Mtce. & Repair - Structures	10 870	10 940	70
Reconstruction & Replacements	1 200	1 886	686
Heat, Light & Power	3 900	3 898	- 2
Materials & Supplies	7 427	6 434	- 993
Fuel & Lubricants	1 100	820	- 280
Materials & Supplies - Resale	1 750	1 243	- 507
Foodstuffs	113 670	133 274	19 604
Canned Goods & Dried Fruit	1 100	1 035	- 65
Forage & Food for Animals	1 100	1 056	- 44
Equipment	6 850	5 494	- 1 356
Fixed Charges	130	106	- 24
Sales Taxes	3 600	3 462	- 138
Total Commissary	162 611	178 689	16 078

COMPARISON OF EXPENDITURES (CONTINUED

RECREATIONAL UNITS	Original Budget Appropriation	Expenditures	Difference
Contractual Services	1 205	2 688	1 483
Window Washing Services	150	78	- 72
Repairs Other Equipment	400	384	- 16
Use of Employees Cars	180	180	--
Transportation to Assighments Out of Town	1 000	1 152	152
Mtce. & Repair - Kezar Floodlighting	1 000	1 013	13
Reconstruction & Replacements	47 900	63 261	15 361
Heat, Light & Power	20 500	21 709	1 209
Materials & Supplies	11 243	11 241	- 2
Fuel & Lubricants	2 700	2 447	- 253
Dry Goods & Wearing Apparel	100	75	- 25
Materials & Supplies - Resale	900	876	- 24
Equipment	5 381	5 488	107
Fixed Charges	715	168	- 547
Total Recreational Units	93 374	110 760	17 386

LAKE MERCED SPORT FISHING			
Contractual Services	6 050	6 309	259
Materials & Supplies	130	72	- 58
Total Lake Merced Sport Fishing	6 180	6 381	201

CAMP MATHER			
Contractual Services	13 053	14 423	1 370
Materials & Supplies	8 000	7 722	- 27'
Foodstuffs	32 588	32 588	--
Equipment	316	335	19
Taxes - Real Estate	800	848	48
Total Camp Mather	54 757	55 916	1 159

RECREATION AND PARK DEPARTMENT
COMPARISON OF REVENUES ESTIMATED IN 1957-1958 BUDGET
WITH REVENUES COLLECTED

	Budget Estimate	Receipts Collected	Differences
Coit Tower - Admission Fees	24 000	30 246	6 246
Golf Fees - Harding Park	140 000	144 204	4 204
Golf Fees - Lincoln Park	84 000	84 716	716
Golf Fees - Sharp Park	80 000	84 783	4 783
Golf Fees - G.G.Park-Pitch & Putt	50 000	54 243	4 243
Balboa Stadium Rent	1 500	967	- 533
Golden Gate Park - Old Stadium	2 500	1 236	- 1 264
Kezar Pavilion Rent	4 500	5 081	581
Kezar Stadium Rent	105 000	161 107	56 107
Fleishhacker Bathhouse	13 000	17 445	4 445
Fleishhacker Booth Rides	50 000	38 771	-11 229
Children's Quarters Rides	10 000	12 709	2 709
Tennis Fees	2 000	1 838	- 162
Sharp Park Rifle Range	3 000	3 932	932
Swimming Facilities	20 000	51 054	31 054
St. Mary's Square Garage	12 500	14 887	2 387
Yacht Harbor Looring Fees	28 000	30 942	2 942
Union Square Rent	5 000	5 000	--
Lake Merced Fishing Permits	8 500	7 596	- 904
Aquatic Park Concessions	6 500	9 309	2 809
Stow Lake Boathouse	5 400	6 961	1 561
Miscellaneous Concessions	6 200	6 886	686
Fleishhacker Playfield Booth -Food	180 000	183 329	3 329
Children's Quarters - Food	41 000	45 553	4 553
Harding Park Cafe	47 000	55 231	8 231
Lincoln Park Cafe	2 400	2 749	349
Sharp Park Cafe	3 600	4 756	1 156
Other Food Sales - Kezar	34 000	45 105	11 105
Tea Garden Rent	8 500	14 274	5 774
Yacht Harbor Rent	3 500	4 138	638
Sundry Rents	1 500	2 111	611
Other Miscellaneous	19 000	24 393	5 393
Photography Center		3 869	3 869
Camp Mather	105 000	114 345	9 345
Total Revenue	1 107 100	1 273 766	166 666

SAN FRANCISCO RECREATION AND PARK COMMISSION

	Appointment Date	Expiration Date
Haas, Walter A., President	June 27, 1958	June 27, 1962
Bercut, Peter	June 27, 1958	June 27, 1962
Casey, Mary Margaret	June 27, 1958	June 27, 1960
Coffman, William M.	June 27, 1958	June 27, 1962
Conway, John J., Jr.	Sept. 5, 1958	June 27, 1961
Herz, Dr. Francis	June 27, 1957	June 27, 1961
Moore, Mrs. Joseph A., Jr.	June 27, 1956	June 27, 1960

Edward A. McDevitt, Secretary, B-58 (Civil Service)
Appointed July 1, 1950

S T A F F

Raymond S. Kimbell, General Manager
R-1 (Non Civil Service) Appointed Feb. 14, 1958

James P. Lang, Superintendent of Recreation
R-4 (Non Civil Service) " Feb. 14, 1958

Bartle S. Rolph, Superintendent of Parks
W-2 (Non Civil Service) " April 16, 1958

Carey M. Baldwin, Zoo Director
W-212 (Non Civil Service) " Aug. 11, 1941

George S. Harman, Supervising Engineer
F-430 (Civil Service) " Sept. 8, 1949

Robert H. Hoyt, Business Manager
B-32 (Civil Service) " July 1, 1948